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percent of the amount computed by multiplying pretax income (or loss) by the applicable statutory income tax rate, and provide income taxes paid by jurisdiction that are greater than 5 percent of total income taxes paid. The standard also requires that entities disclose income (or loss) from continuing operations before income tax expense (or benefit) and income tax expense (or benefit) each disaggregated between domestic and foreign operations. ASU 2023-09 is effective for annual periods beginning after December 15, 2024. Early adoption is permitted for annual financial statements that have not yet been issued or made available for issuance. ASU 2023-09 is to be applied on a prospective basis, but retrospective application is permitted.Â The Company is evaluating the impact that adoption of the provisions of ASU 2023-09 will have on its consolidated financial statements. Â In November 2023, the FASB issued Accounting Standards Update No. 2023-07, Improvements to Reportable Segment Disclosures ("ASU 2023-07"). ASU 2023-07 includes requirements that an entity disclose the title of the chief operating decision maker (CODM) and on an interim and annual basis, significant segment expenses and the composition of other segment items for each segment's reported profit. The standard also permits disclosure of additional measures of segment profit. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Early adoption is permitted. The guidance is to be applied retrospectively to all prior periods presented in the financial statements. The Company is evaluating the impact that adoption of the provisions of ASU 2023-07 will have on its consolidated financial statements. Â Â Â NOTE CÂ Â€" INVENTORIES Â The Company operates in two segments: the flat-roll segment and the tubular segment. Both flat-roll segment and tubular segment inventories consist of raw material and finished goods. Cost for substantially all of the Company's inventory is determined using the average cost method. All inventories are valued at the lower of cost or net realizable value. Flat-roll raw material inventory consists of steel coils the Company will process into sheet and plate. Flat-roll finished goods consists of processed sheet and plate inventory. Tubular raw material inventory consists of hot-rolled steel coils that the Company will manufacture into pipe. Tubular finished goods inventory consists of pipe the Company has manufactured. Inventory costs includeÂ the costs of the purchased metals, inbound freight, transfer freight, certain external processing, internal processing, direct labor and applicable overhead costs. Â A summary of inventory values by product group follows (in thousands): Â Â Â December 31, 2024 Â Â March 31, 2024 Â Flat-Roll raw material Â \$88,379Â Â \$85,483Â Flat-Roll finished goods Â Â 16,504Â Â Â 17,030Â Tubular raw material Â Â 5,707Â Â Â 4,185Â Tubular finished goods Â Â 4,804Â Â Â 9,106Â Â Â 115,394Â Â Â 115,804Â Â Â Â NOTE DÂ Â€" DEBT Â Â Â Â Â Â Â The Company has a \$150 million asset-based lending facility ("ABL Facility") in place with JPMorgan Chase Bank, N.A. as the arranging agent and BMO Harris Bank, N.A. as a one-third syndicated participant. The ABL Facility matures on May 19, 2026 and is secured by substantially all of the assets of the Company. The Company can elect borrowings on a floating rate basis or a term basis. Floating rate borrowings accrue interest at a rate equal to the prime rate minus 1% per annum. Term rate borrowings accrue interest at a rate equal to the SOFR rate applicable to the selected term plus 1.8% per annum. Availability of funds under the ABL Facility is subject to a borrowing base calculation determined as the sum of (a) 90% of eligible accounts receivable, plus (b) the product of 85% multiplied by the net orderly liquidating value percentage identified in the most recent inventory appraisal multiplied by eligible inventory. The ABL Facility contains a springing financial covenant whereby the financial covenant is only tested when availability falls below the greater of 15% of the revolving commitment or \$22.5 million. The financial covenant restricts the Company from allowing its fixed charge coverage ratio to be, as of the end of any calendar month, less than 1.10 to 1.00 for the trailing twelve-month period then ending. The fixed charge coverage ratio is calculated as the ratio of (a) EBITDA, as defined in the ABL Facility, minus unfinanced capital expenditures to (b) cash interest expense plus scheduled principal payments on indebtedness plus taxes paid in cash plus restricted payments paid in cash plus capital lease obligation payments plus cash contributions to any employee pension benefit plans. The ABL Facility contains other representations and warranties and affirmative and negative covenants that are usual and customary. If certain conditions precedent are satisfied, the ABL facility may be increased by up to an aggregate of \$25 million, in minimum increments of \$5 million. AtÂ December 31, 2024, the Company had a balance of approximatelyÂ \$32.5Â millionÂ under the ABL Facility with an applicable interest rate of 6.5%. AtÂ December 31, 2024, the Company's applicable borrowing base calculation supported access to approximately \$99.2Â million ofÂ the ABL Facility. Â The Company incurred debt issuance costs of approximately \$0.4 million in connection with the ABL Facility. The Company recorded these debt issuance costs as non-current other assets and is amortizing these costs on an equal monthly basisÂ over the remaining term of the ABL facility. Â Â 6 Table of Contents Â Â Â Â Â NOTE EÂ Â€" LEASES Â The Company has an operating leaseÂ for the Granite City, IL facility with an expiration date of August 31, 2028 andÂ optional renewal provisions for up to 4 renewal terms of five years each. The lease calls for monthly rental payments that adjust on an annual basis. The monthly rental payment in place at December 31, 2024 and remaining in place until adjustment in September 2025Â is approximately \$13,000 per month. The anticipated execution of renewal options for this lease is included in the ROU asset and lease liability calculation. The Company has an operating lease for administrative office space in The Woodlands, TX with an expiration date of February 28, 2029 and a renewal option for one additional 60 month term. The lease calls for monthly rental payments that adjust on an annual basis. The monthly rental payment in place at December 31, 2024 and remaining in place until adjustment in March 2025 is approximately \$11,000 per month. The CompanyÂ's lease of its office space in Longview, Texas is the only other operating lease included in the Company's ROU assets and lease liabilities. This lease expires on April 30, 2027 and calls forÂ monthly rental payments of approximately \$5,000. The CompanyÂ's other operating leases for items such as IT equipment and storage space are either short-term in nature or immaterial. Â In October 2019, the Company acquiredÂ equipment under a 5-year finance lease arrangement with a financed amount of approximately \$0.5 millionÂ and a monthly payment of approximately \$9,000. The last payment under this lease was made in October 2024.Â Â The components of expense related to leases for the three and nine months ended December 31, 2024Â and 2023 are as follows (in thousands): Â Â Â Three Months Ended Â Â Nine Months Ended Â Â Â December 31, Â Â December 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Finance lease Â€" amortization of ROU asset Â Â€" Â Â 26Â Â Â 54Â Â Â 78Â Finance lease Â€" interest on lease liability Â Â €" Â Â 1Â Â Â 1Â Â Â 3Â Operating lease expense Â Â 108Â Â Â 34Â Â Â 276Â Â Â 102Â Â Â 108Â Â Â 61Â Â Â 330Â Â Â 183Â Â The following table illustrates the balance sheet classification for ROU assets and lease liabilities as of December 31, 2024Â and March 31, 2024Â (in thousands): Â Â Â December 31, 2024 Â Â March 31, 2024 Â Balance Sheet Classification Assets Â Â Â Â Â Operating lease right-of-use asset Â \$2,894Â Â \$2,841Â Operating lease right-of-use asset Finance lease right-of-use asset Â Â 385Â Â Â 404Â Property, plant & equipment Total right-of-use assets Â \$3,279Â Â \$3,245Â Liabilities Â Â Â Â Â Operating lease liability, current Â Â 157Â Â Â 101Â Accrued expenses Finance lease liability, current Â Â €" Â Â 54Â Current portion of finance lease Operating lease liability, non-current Â Â 2,790Â Â Â 2,782Â Non-current lease liabilities Total lease liabilities Â \$2,947Â Â \$2,937Â Â Â As of December 31, 2024, the weighted-average remaining lease term was 19.3Â years for operating leases.Â The weighted average discount rate was 7.5% for operating leases. Â Maturities of lease liabilities as of December 31, 2024 were as follows (in thousands): Â Â Â Operating Leases Â Fiscal 2025 (remainder of fiscal year) Â Â 90Â Fiscal 2026 Â Â 363Â Fiscal 2027 Â Â 371Â Fiscal 2028 Â Â 324Â Fiscal 2029 and beyond Â Â 5,043Â Total undiscounted lease payments Â \$6,191Â Less: imputed interest Â Â (3,244) Present value of lease liability Â \$2,947Â Â 7 Table of Contents Â Â NOTE FÂ Â€" PROPERTY, PLANT AND EQUIPMENT Â At December 31, 2024, the Company's construction in process balance of approximately \$0.7Â million consisted of severalÂ smaller projects amongÂ our facilities. During December 2024, the Company's tubular segment sold equipment for \$0.8 million resulting in a gain of approximately \$0.4 million.Â Â Â NOTE GÂ Â€" STOCK BASED COMPENSATION Â The Company maintains the Friedman Industries, Incorporated 2016 Restricted Stock Plan (the Â€"PlanÂ€). The Plan is administered by the Compensation Committee (the Â€"CommitteeÂ€) of the Board of Directors (the Â€"BoardÂ€) and continues indefinitely until terminated by the Board or until all shares allowed by the Plan have been awarded and earned. The aggregate number of shares of the CompanyÂ's Common Stock eligible for award under the Plan is 500,000 shares. Subject to the terms and provisions of the Plan, the Committee may, from time to time, select the employees, directors or consultants to whom awards will be granted and shall determine the amount and applicable restrictions of each award. Restricted awards entitle recipients to vote and receive non-forfeitable dividends during the restriction period. Because dividends are non-forfeitable, they are reflected in retained earnings. Forfeitures are accounted for upon their occurrence. Because the Company accounts for forfeitures as they occur, the non-forfeitable dividends are reclassified from retained earnings to additional stock compensation for the actual forfeitures that occurred. Â The following table summarizes the activity related to restricted stock units (Â€"RSUsÂ€) for the nine months ended December 31, 2024: Â Â Â Â Â Weighted Average Â Â Â Number of Shares Â Â Grant Date Fair Value Per Share Â Unvested at March 31, 2024 Â Â 64,487Â Â \$6.62Â Cancelled or forfeited Â Â €" Â Â Â Â Â Granted Â Â €" Â Â Â Vested Â Â (46,000)Â Â 6.45Â Unvested at December 31, 2024 Â Â 18,487Â Â \$7.04Â Â The Company measures compensation expense for RSUs at the market price of the common stock as of the grant date. Compensation expense is recognized over the requisite service period applicable to each award. The Company recorded compensation expense of approximately \$0.1Â millionÂ and \$0.2Â million inÂ the nine months ended December 31, 2024 and 2023, respectively, relating to the RSUs issued under the Plan. As of December 31, 2024, unrecognized compensation expense related to unvested RSUs was approximately \$15,000Â which is expected to be recognized over a weighted average period of approximately 0.3Â years. As of December 31, 2024, a total of 117,998 shares were still available to be issued under the Plan. Â Â NOTE HÂ Â€" DERIVATIVE FINANCIAL INSTRUMENTS Â From time to time, we expect to utilize hot-rolled coil futures or options to reduce our exposure to commodity price risk that is inherent in our business. For the nine months ended December 31, 2024, all of the Company's hedging activities were classified as economic hedges ofÂ risk with mark-to-market ("MTM") accounting treatment. For the nine months ended December 31, 2023, the Company had hedging activities classified as cash flow hedges with hedge accounting treatment according to the requirements of ASC 815Â€" Derivatives and Hedging and hedging activities classified as economic hedges ofÂ risk with MTM accounting treatment.Â By using derivatives, the Company is exposed to credit and market risk. The CompanyÂ's exposure to credit risk includes the counterpartyÂ's failure to fulfill its performance obligations under the terms of the derivative contract. The Company attempts to minimizeÂ its credit risk by entering into transactions with high quality counterpartiesÂ and uses exchange-traded derivatives when available. Market risk is the risk that the value of the financial instrument might be adversely affected by a change in commodity prices. The Company manages market risk by continually monitoring exposure within its risk management strategy and portfolio. For any transactions designated as hedging instruments for accounting purposes, we document all relationships between hedging instruments and hedged items, as well as our risk-management objective and strategy for undertaking the various hedge transactions. We also assess, both at the hedgeÂ's inception and on an ongoing basis, whether the derivatives used in hedging transactions are highly effective in offsetting changes in cash flows or fair value of hedged items. Â The Company hasÂ forward physical purchase supply agreements in place with someÂ of its suppliers for a portion of its monthly physical steel needs. These supply agreements areÂ not subject to mark-to-market accounting due to theÂ Company electing the normal purchase normal saleÂ exclusion provided in ASC 815. Â 8 Table of Contents Â At December 31, 2024Â andÂ March 31, 2024, the Company did not have any hot-rolled coil futures contracts designated as hedging instruments and classified as cash flow or fair value hedges.Â Â The following table summarizes the fair value of the CompanyÂ's derivative financial instruments and the respective line in which they were recorded in the Consolidated Balance Sheet as of December 31, 2024Â (in thousands): Â Â Asset Derivatives Â Liability Derivatives Â Balance Sheet Â Â Â Balance Sheet Â Â Â Derivatives not designated as hedging instruments: Location Â Fair Value Â Location Â Fair Value Â Hot-rolled coil steel contracts Current portion of derivative assets Â \$38Â Current portion of derivative liability Â \$10Â Â The following table summarizes the fair value of the CompanyÂ's derivative financial instruments and the respective line in which they were recorded in the Consolidated Balance Sheet as of March 31, 2024Â (in thousands): Â Â Asset Derivatives Â Liability Derivatives Â Balance Sheet Â Â Â Balance Sheet Â Â Â Derivatives not designated as hedging instruments: Location Â Fair Value Â Location Â Fair Value Â Hot-rolled coil steel contracts Current portion of derivative assets Â \$74Â Current portion of derivative liability Â \$1,686Â Â All derivatives are presented on a gross basis on the Consolidated Balance Sheets. Â During the nine months ended December 31, 2024 and 2023, the Company entered into hot-rolled coil futures contracts that were not designated as hedging instruments for accounting purposes. Accordingly, the change in fair value related to these instruments was immediately recognized in earnings for these periods. During the nine months ended December 31, 2024 and 2023, the Company did not designate any transactions as hedging instruments for accounting purposes. During the nine months ended December 31, 2023, the Company reclassified the loss associated with previously designated cash flow hedges into earnings during the period. Â The following table summarizes the pre-tax

\$ 1,744.0 **\$ \$ 737.4** **\$ \$ 12,256.8** **\$ \$ 9,948.2** **\$ \$ 7,245.1** **\$ \$ 6,942.2** **\$ \$ 7,274.3**

Weighted average common shares outstanding **6,948,023** **7,245,183** **6,942,216** **7,274,332**

For the nine months ended December 31, 2024 and 2023, the Company allocated dividends and undistributed earnings to the unvested restricted stock units.

As the restricted stock qualifies as participating securities, the following restricted stock units were not accounted in the computation of weighted average diluted common shares outstanding under the two-class method:

Three Months Ended **December 31, 2024** **December 31, 2023** **December 31, 2024** **December 31, 2023**

Restricted Stock Units **16,425** **48,840** **13,832** **42,709**

NOTE **SUPPLEMENTAL CASH FLOW INFORMATION**

The Company paid interest of approximately \$2.2 million and \$2.1 million during the nine months ended December 31, 2024 and 2023, respectively.

An Additionally, the Company paid income taxes of approximately \$2.9 million and \$2.8 million during the nine months ended December 31, 2024 and 2023, respectively.

A NOTE **INCOME TAXES**

For the nine month periods ended December 31, 2024 and 2023, the Company recorded income tax provisions of approximately \$0.1 million and \$3.8 million, respectively.

For the nine months ended December 31, 2024, the effective tax rate differed from the federal statutory rate due primarily to the tax effect of restricted stock vesting during the period with this impact partially reduced by the inclusion of state tax expenses in the provision.

For the nine months ended December 31, 2023, the effective tax rate differed from the federal statutory rate due primarily to the inclusion of state tax expenses in the provision.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Overview

Friedman Industries, Incorporated is a manufacturer and processor of steel products and operates in two reportable segments: flat-roll products and tubular products.

The flat-roll product segment consists of the operation of five hot-rolled coil processing facilities located in Hickman, Arkansas^{1/3}, Decatur, Alabama^{1/3}, East Chicago, Indiana^{1/3}, Granite City, Illinois and Sinton, Texas. The Hickman, Granite City and East Chicago facilities operate temper mills and cut-to-length lines. The Decatur and Sinton facilities operate stretcher leveler cut-to-length lines. The equipment at all locations improves the flatness and surface quality of the coils and cut the coils into sheet and plate of prescribed lengths. On a combined basis, the facilities are capable of cutting sheet and plate with thicknesses ranging from 16 gauge to 1 thick in widths ranging from 36 wide to 96 wide. The vast majority of flat-roll product segment revenue is generated from sales of Company owned inventory but the segment also generates revenue from the processing or storage of customer owned coils on a fee basis.

The tubular product segment consists of the Company's Texas Tubular Products division (the "TTP") located in Lone Star, Texas. TTP operates two electric resistance welded pipe mills with a combined outside diameter (the "OD") size range of 2 3/8 OD to 8 5/8 OD. Both pipe mills are American Petroleum Institute (the "API") licensed to manufacture line pipe and oil country pipe and also manufacture pipe for structural purposes that meets other recognized industry standards. All of the tubular segment's revenue is generated from sales of Company owned inventory.

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Results of Operations - Nine Months Ended December 31, 2024 Compared to Nine Months Ended December 31, 2023

During the nine months ended December 31, 2024 (the "2024 period"), sales, cost of materials sold and adjusted gross profit decreased approximately \$68.6 million, \$46.0 million and \$22.6 million, respectively, compared to the amounts recorded during the nine months ended December 31, 2023 (the "2023 period"). Adjusted gross profit is a non-GAAP measure calculated as sales minus cost of materials sold. The decrease in sales was associated with both a decline in sales volume and a decrease in the average selling price per ton.

Sales volume for the 2024 period consisted of approximately 353,000 tons from inventory and another 60,000 tons of toll processing customer owned material compared to the 2023 period volume consisting of approximately 375,000 tons from inventory and 72,000 tons of toll processing. The decline in sales volume for the 2024 period was related to a combination of challenging conditions for some of our customers, extended planned downtime for equipment upgrades, and political uncertainty leading up to the presidential election. Adjusted gross profit was approximately \$52.2 million for the 2024 period compared to approximately \$74.9 million for the 2023 period. Adjusted gross profit as a percentage of sales was approximately 16.6% for the 2024 period compared to approximately 19.5% for the 2023 period.

Our operating results are significantly impacted by the market price of hot-rolled steel coil ("HRC"). Entering the 2024 period, HRC prices were on a predominately declining trend dropping approximately 40% from January 2024 through the middle of August 2024. From August 2024 and to the end of the 2024 period, HRC price remained relatively stable.

As a result, the Company experienced compressed physical margins throughout the 2024 period. Entering the 2023 period, HRC prices had increased approximately 95% from November 2022 to April 2023. HRC prices then declined approximately 45% until the October 2023 with prices then increasing by approximately 66% by the end of the 2023 period. As a result, the 2023 period benefitted from strong physical margins for the first quarter of the period followed by a quarter of compressed margins and then ended the period with a quarter of improving margins. The Company utilizes HRC futures to partially manage exposure to commodity price risk. The Company recognized hedging related gains of approximately \$5.8 million and \$0.7 million in the 2024 and 2023 periods, respectively.

A Flat-roll Segment A Flat-roll product segment sales for the 2024 period totaled approximately \$286.9 million compared to approximately \$352.1 million for the 2023 period. For a more complete understanding of the average selling prices of goods sold, it is helpful to exclude any sales generated from processing or storage of customer owned material. Sales generated from processing or storage of customer owned material totaled approximately \$3.7 million for the 2024 period compared to approximately \$3.6 million for the 2023 period. Sales generated from flat-roll segment inventory totaled approximately \$283.2 million for the 2024 period compared to approximately \$348.5 million for the 2023 period. The average per ton selling price related to these shipments decreased from approximately \$995 per ton in the 2023 period to approximately \$868 per ton in the 2024 period.

A Sales volume for the 2024 period consisted of approximately 326,000 tons from inventory and another 60,000 tons of toll processing customer owned material compared to the 2023 period volume consisting of approximately 351,000 tons from inventory and 72,000 tons of toll processing. The decline in sales volume for the 2024 period was related to a combination of challenging conditions for some of our customers, extended planned downtime for equipment upgrades, and political uncertainty leading up to the presidential election.

A Flat-roll segment operations recorded operating profits of approximately \$6.6 million and \$23.6 million for the 2024 period and 2023 period, respectively.

A The Company's flat-roll segment purchases its inventory from a limited number of suppliers. Loss of any of these suppliers could have a material adverse effect on the Company's business.

A Tubular Segment A Tubular product segment sales for the 2024 period totaled approximately \$28.5 million compared to approximately \$31.9 million for the 2023 period. Sales decreased primarily due to a decrease in the average selling price per ton from approximately \$1,319 per ton for the 2023 period to approximately \$1,065 per ton for the 2024 quarter. Tons sold increased from approximately 24,000 tons in the 2023 period to approximately 26,500 tons in the 2024 period.

A The tubular segment recorded an operating loss of approximately \$2.0 million for the 2024 period compared to recording an operating profit of approximately \$2.2 million for the 2023 period.

A The tubular segment purchases its inventory from a limited number of suppliers. Loss of any of these suppliers could have a material adverse effect on the Company's business.

A General, Selling and Administrative Costs A During the 2024 period, selling, general and administrative costs decreased approximately \$2.6 million compared to the 2023 period. This decrease is primarily related to lower incentive compensation expense due to the lower earnings in the 2024 period.

A Income Taxes A Income taxes decreased from a provision for the 2023 period of approximately \$3.8 million to a provision for the 2024 period of approximately \$0.1 million. This decrease was primarily related to lower earnings before taxes for the 2024 period. The income tax provision as a percentage of earnings before tax was approximately 12.4% and 23.4% for the nine months ended December 31, 2024 and 2023, respectively.

A For the nine months ended December 31, 2024, the effective tax rate differed from the federal statutory rate due primarily to the tax effect of restricted stock vesting during the period with this impact partially reduced by the inclusion of state tax expenses in the provision.

For the nine months ended December 31, 2023, the effective tax rate differed from the federal statutory rate due primarily to the inclusion of state tax expenses in the provision.

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Three Months Ended December 31, 2024 Compared to Three Months Ended December 31, 2023

During the three months ended December 31, 2024 (the "2024 quarter"), sales, cost of materials sold and adjusted gross profit decreased approximately \$21.9 million, \$13.5 million and \$8.4 million, respectively, compared to the amounts recorded during the three months ended December 31, 2023 (the "2023 quarter"). Adjusted gross profit is a non-GAAP measure calculated as sales minus cost of materials sold.

A The decrease in sales was associated with both a decline in sales volume and a decrease in the average selling price per ton.

A Sales volume for the 2024 quarter consisted of approximately 112,500 tons from inventory and another 18,000 tons of toll processing customer owned material compared to the 2023 quarter volume consisting of approximately 118,000 tons from inventory and 22,000 tons of toll processing. The decline in sales volume for the 2024 quarter was related to a combination of weaker demand among some customers and hesitancy among others given political uncertainty during the quarter.

A Adjusted gross profit was approximately \$15.6 million for the 2024 quarter compared to approximately \$24.0 million for the 2023 quarter. Adjusted gross profit as a percentage of sales was approximately 16.5% for the 2024 quarter compared to approximately 20.7% for the 2023 quarter.

A Our operating results are significantly impacted by the market price of HRC. Entering the 2024 quarter, HRC price had reached the bottom of a price cycle after a prolonged decline and remained relatively stable near the bottom during the 2024 quarter. As a result, the Company experienced compressed margins throughout the 2024 quarter. The Company experienced an inflection point in HRC price during the 2023 quarter with prices increasing approximately 66% from early October 2023 and through the end of the 2023 quarter. As a result, the Company experienced considerable margin improvement in the second half of the 2023 quarter. The Company utilizes HRC futures to partially manage exposure to commodity price risk. The Company recognized hedging related gains of approximately \$0.3 million in the 2024 quarter compared to hedging related losses of approximately \$4.1 million in the 2023 quarter.

A Flat-roll Segment A Flat-roll product segment sales for the 2024 quarter totaled approximately \$86.1 million compared to approximately \$106.4 million for the 2023 quarter. For a more complete understanding of the average selling prices of goods sold, it is helpful to exclude any sales generated from processing or storage of customer owned material. Sales generated from processing or storage of customer owned material totaled approximately \$1.0 million for the 2024 quarter and approximately \$1.0 million for the 2023 quarter. Sales generated from flat-roll segment inventory totaled approximately \$85.1 million for the 2024 quarter compared to approximately \$105.4 million for the 2023 quarter. The average per ton selling price related to these shipments decreased from approximately \$960 per ton in the 2023 quarter to approximately \$813 per ton in the 2024 quarter.

A Sales volume for the 2024 quarter consisted of approximately 105,000 tons from inventory and another 18,000 tons of toll processing customer owned material compared to the 2023 quarter volume consisting of approximately 110,000 tons from inventory and 22,000 tons of toll processing. The decline in sales volume for the 2024 quarter was related to a combination of weaker demand among some customers and hesitancy among others given the political uncertainty during the quarter.

A Flat-roll segment operations recorded operating profits of approximately \$1.3 million and \$8.7 million for the 2024 quarter and 2023 quarter, respectively.

A The Company's flat-roll segment purchases its inventory from a limited number of suppliers. Loss of any of these suppliers could have a material adverse effect on the Company's business.

A Tubular Segment A Tubular product segment sales for the 2024 quarter totaled approximately \$7.9 million compared to approximately \$9.5 million for the 2023 quarter. Sales decreased due primarily to a decrease in the average selling price per ton from approximately \$1,164 per ton for the 2023 quarter to approximately \$1,013 per ton for the 2024 quarter. Sales volume was comparable between the periods with approximately 8,000 tons sold in both the 2023 and the 2024 quarters.

A The tubular segment recorded operating losses of approximately \$0.2 million and \$0.1 million for the 2024 quarter and 2023 quarter, respectively.

A The tubular segment purchases its inventory from a limited number of suppliers. Loss of any of these suppliers could have a material adverse effect on the Company's business.

A General, Selling and Administrative Costs A During the 2024 quarter, selling, general and administrative costs decreased approximately \$0.3 million compared to the 2023 quarter. This decrease is primarily related to lower incentive compensation expense due to the lower earnings in the 2024 quarter.

A Income Taxes A Income taxes decreased from a provision for the 2023 quarter of approximately \$0.1 million to a benefit for the 2024 quarter of approximately \$0.4 million. This decrease was primarily related to lower earnings before taxes for the 2024 quarter. The income tax provision or benefit as a percentage of earnings or loss before tax was approximately 25.8% and 5.9% for the three months ended December 31, 2024 and 2023, respectively.

For the 2024 quarter, the effective tax rate

inclusion of state tax expenses in the provision. For the 2023 quarter, the effective tax rate differed from the federal statutory rate due primarily to the adjustment of interim tax estimates during the quarter. A 18 Table of Contents A Non-GAAP Information A The non-GAAP measure adjusted gross profit is used in this Management's Discussion and Analysis. Adjusted gross profit is calculated as sales minus cost of materials sold. Cost of materials sold is a discrete line on our statements of operations and represents the cost associated with purchased steel, inbound freight, transfer freight and certain external processing costs. To provide financial statement users with a better understanding of the Company's expenses, cost of sales is disaggregated on our statements of operations into the line items cost of materials sold, processing and warehousing expense, delivery expense and depreciation and amortization. The Company believes adjusted gross profit is a meaningful measure because our cost structure and operating results are significantly impacted by the fluctuating costs associated with purchased steel. A The following table reconciles the GAAP measure for gross profit to the non-GAAP measure adjusted gross profit (in thousands): A A THREE MONTHS ENDED A A NINE MONTHS ENDED A A DECEMBER 31, A A DECEMBER 31, A A 2024 A A 2023 A A 2024 A A 2023 A Gross profit (GAAP measure) A \$ 2,325 A A \$ 10,408 A A \$ 9,371 A A \$ 32,487 A Processing and warehousing expense A 7,472 A A 7,370 A A 24,030 A A 22,678 A Delivery expense A 4,941 A A 5,469 A A 16,373 A A 17,435 A Depreciation and amortization A 827 A A 754 A A 2,445 A A 2,262 A Adjusted gross profit (non-GAAP measure presented) A \$ 15,565 A A \$ 24,001 A A \$ 52,219 A A \$ 74,862 A A FINANCIAL POSITION, LIQUIDITY AND CAPITAL RESOURCES A The Company's current ratio amounted to 3.5A at December 31, 2024 and 3.1 at March 31, 2024. Working capital was approximately \$107.0 millionA at December 31, 2024 and \$116.0 millionA at March 31, 2024. A During the nine months ended December 31, 2024, the Company maintained assets and liabilities at levels it believed were commensurate with operations. Changes in balance sheet amounts occurred in the ordinary course of business. Cash and restricted cash decreased due primarily to cash usedA for the purchase of property, plant and equipmentA and the reduction of debt.A The Company expects to continue to monitor, evaluate and manage balance sheet components depending on changes in market conditions and the Company's operations. A The Company has a \$150 million asset-based lending facility ("ABL Facility") which matures on May 19, 2026 and is secured by substantially all of the assets of the Company. The Company can elect borrowings on a floating rate basis or a term basis. Floating rate borrowings accrue interest at a rate equal to the prime rate minus 1% per annum. Term rate borrowings accrue interest at a rate equal to the SOFR rate applicable to the selected term plus 1.8% per annum. Availability of funds under the ABL Facility is subject to a borrowing base calculation determined as the sum of (a) 90% of eligible accounts receivable, plus (b) the product of 85% multiplied by the net orderly liquidating value percentage identified in the most recent inventory appraisal multiplied by eligible inventory. The ABL Facility contains a springing financial covenantA whereby the financial covenant is only tested when availability falls below the greater of 15% of the revolving commitment or \$22.5 million.A The financial covenant restricts the Company from allowing its fixed charge coverage ratio to be, as of the end of any calendar month, less than 1.10 to 1.00 for the trailing twelve month period then ending. The fixed charge coverage ratio is calculated as the ratio of (a) EBITDA, as defined in the ABL Facility, minus unfinanced capital expenditures to (b) cash interest expense plus scheduled principal payments on indebtedness plus taxes paid in cash plus restricted payments paid in cash plus capital lease obligation payments plus cash contributions to any employee pension benefit plans. The ABL Facility contains other representations and warranties and affirmative and negative covenants that are usual and customary. If certain conditions precedent are satisfied, the ABL facility may be increased by up to an aggregate of \$25 million, in minimum increments of \$5 million. AtA December 31, 2024, the Company had a balance of approximately \$32.5 millionA under the ABL Facility with an applicable interest rate of 6.5%. AtA December 31, 2024, the Company's applicable borrowing base calculation supported access to approximately \$99.2A million of theA ABL Facility. As of the filing date of this Form 10-Q, the Company had borrowings of approximatelyA \$49.0A millionA outstanding under the ABL Facility and the Company's most recent borrowing base calculation provided access to approximately \$100.5A millionA of the ABL Facility. A The Company believes that its current cash position along with cash flows from operations and borrowing capability due to its financial position are adequate to fund its expected cash requirements for the next 12A months. A HEDGING ACTIVITIES A The Company utilizes hot-rolled coil futures to manage price risk on unsold inventory and longer-term fixed price sales agreements. The Company has elected hedge accounting for some of its hedging activities previously but most recently the Company has classified its hedging activities as economic hedges of risk with mark-to-market ("MTM") accounting treatment. Hedging decisions are intended to protect the value of the Company's inventory and produce more consistent financial results over price cycles. The Company recognized gains of approximately \$0.3A million and \$5.8A million inA the three and nine months ended December 31, 2024, respectively. A related toA hedging activities with all of this being classified as economic hedges of risk. With MTM accounting treatment it is possible that hedging related gains or losses might be recognized in a different fiscal quarter or fiscal year than the corresponding improvement or contraction in our physical margins. See Note H for additional information related to the Company's hedging activities. A OUTLOOK A A The Company expects sales volume for the fourth quarter of fiscal 2025 to be higher than the third quarter volume due to stronger order activity and the impact of holidays on third quarter volume. HRC prices were stable at the start of the fourth quarter but began to increase at the time of this filing. Most industry participants anticipate prices to increase further during the second half of the quarter. The Company expects fourth quarter sales margins to improve compared to the third quarter. A CRITICAL ACCOUNTING ESTIMATES A The preparation of financial statements in conformity with U.S. generally accepted accounting principles may requireA management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes.A Actual results could differ from any estimates. The Company did not identify any significant estimates or judgements related to the consolidated financial statements and accompanying notes presented in this Form 10-Q filing. A 19 Table of Contents A CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS A From time to time, the Company may make certain statements that contain forward-looking information (as defined in the Private Securities Litigation Reform Act of 1996, as amended) and that involve risk and uncertainty. Such statements may include those risks disclosed in the Management's Discussion and Analysis of Financial Condition and Results of Operations section of this report, including the adequacy of cash and expectations as to future sales, prices and margins. These forward-looking statements may include, but are not limited to, future changes in the Company's financial condition or results of operations, future production capacity, product quality and proposed expansion plans. Forward-looking statements may be made by management orally or in writing including, but not limited to, this Management's Discussion and Analysis of Financial Condition and Results of Operations and other sections of the Company's filings with the U.S. Securities and Exchange Commission (the "SEC") under the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including the Company's Annual Report on Form 10-K and its other Quarterly Reports on Form 10-Q. Forward-looking statements include those preceded by, followed by or including the words "will," "expect," "intend," "anticipate," "believe," "project," "forecast," "propose," "plan," "estimate," "enable," and similar expressions, including, for example, statements about our business strategy, our industry, our future profitability, growth in the industry sectors we serve, our expectations, beliefs, plans, strategies, objectives, prospects and assumptions, and estimates and projections of future activity. These forward-looking statements are not guarantees of future performance. These statements are based on management's expectations that involve a number of business risks and uncertainties, any of which could cause actual results to differ materially from those expressed in or implied by the forward-looking statements. Although forward-looking statements reflect our current beliefs, reliance should not be placed on forward-looking statements because they involve known and unknown risks, uncertainties and other factors, which may cause our actual results, performance or achievements to differ materially from anticipated future results, performance or achievements expressed or implied by such forward-looking statements. Actual results and trends in the future may differ materially depending on a variety of factors including, but not limited to, changes in the demand for and prices of the Company's products, changes in government policy regarding steel, changes in the demand for steel and steel products in general and the Company's success in executing its internal operating plans, changes in and availability of raw materials, unplanned shutdowns of our production facilities due to equipment failures or other issues, increased competition from alternative materials and risks concerning innovation, new technologies, products and increasing customer requirements. Accordingly, undue reliance should not be placed on our forward-looking statements. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, changed circumstances or otherwise, except to the extent law requires. A A ItemA 3. Quantitative and Qualitative Disclosures About Market Risk A Not required. A ItemA 4. Controls and Procedures A Our management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rule 13a-15(f) and 15(d)-15(f) promulgated under the Securities Exchange Act of 1934, as amended). We have established disclosure controls and procedures designed to ensure that material information required to be disclosed in our reports filed under the Exchange Act is recorded, processed, summarized and reported within the time periods specified by the Securities and Exchange Commission and that any material information relating to us is recorded, processed, summarized and reported to our management including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures. In designing and evaluating our disclosure controls and procedures, our management recognizes that controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving desired control objectives. In reaching a reasonable level of assurance, our management necessarily was required to apply its judgment in evaluating the cost-benefit relationship of possible controls and procedures. A As required by Rule 13a-15(b) under the Exchange Act, we have evaluated, under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, the effectiveness of the design and operation of our disclosure controls and procedures (as defined in rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of the end of the period covered by this quarterly report. Based on this evaluation, the Company's CEO and principal financial officer have concluded that the Company's disclosure controls and procedures were effective as of the end of the fiscal quarter ended December 31, 2024 to ensure that information that is required to be disclosed by the Company in the reports it files or submits under the Exchange Act is (i)A recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and (ii)A accumulated and communicated to the Company's management, including the CEO and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure. A There were no changes in the Company's internal control over financial reporting that occurred during the fiscal quarter ended December 31, 2024 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting. A A 20 Table of Contents A FRIEDMAN INDUSTRIES, INCORPORATED Nine Months Ended December 31, 2024 A Part II A "OTHER INFORMATION A A ItemA 5. Other Information A During the nine months ended December 31, 2024, none of our officers or directorsA adopted, modified orA terminatedA A Rule 10b5-1 trading arrangementA or A non-Rule 10b5-1 trading arrangement,A as each term is defined in Item 408(a) and (c), respectively, of Regulation S-K, for the purchase or sale of our securities. A ItemA 6. Exhibits A Exhibits A A A 3.1 A " Articles of Incorporation of the Company, as amended (incorporated by reference from ExhibitA 3.1 to the Company's FormA S-8 filed on December 21, 2016). A A A 3.2 A " Articles of Amendment to the Articles of Incorporation of the Company, as filed with the Texas Secretary of State on SeptemberA 22, 1987 (incorporated by reference from ExhibitA 3.1 to the Company's FormA S-8 filed on December 21, 2016). A A A 3.3 A " Amended and Restated Bylaws of the Company, as amended on November 8, 2021. (incorporated by reference from Exhibit 3.3 to the Company's Form 10-Q filed on November 19, 2021). A A A 10.1 A " Friedman Industries, Incorporated Key Employee Change In Control Severance Plan. (incorporated by reference from Exhibit 10.1 to the Company's Form 10-Q filed on November 12, 2024). A A A 31.1 A " Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, signed by Michael J. Taylor. A A A 31.2 A " Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, signed by Alex LaRue. A A A 32.1 A " Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, signed by Michael J. Taylor. A A A 32.2 A " Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, signed by Alex LaRue. A A 101.INS A " Inline XBRL Instance Document. A A 101.SCH A " Inline XBRL Taxonomy Schema Document. A A 101.CAL A " Inline XBRL Calculation Linkbase Document. A A 101.DEF A " Inline XBRL Definition Linkbase Document. A A 101.LAB A " Inline XBRL Label Linkbase Document. A A 101.PRE A " Inline XBRL Presentation Linkbase Document. A A 104 A " Cover Page Interactive File (formatted as Inline XBRL and contained in Exhibit 101) A 21 Table of Contents A SIGNATURES A Pursuant to the requirements of the Securities Exchange Act of 1934, the

registrar has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized. [Â Â FRIEDMAN INDUSTRIES, INCORPORATED](#)
[Â Â Â Â Date: February 7, 2025](#) [Â /s/Â Â Â ALEX LARUE](#)[Â Â Â Â Â Â Â Â Â Â Alex LaRue, Chief Financial Officer](#) [Â Â“ Secretary and Treasurer \(Principal Financial Officer\)](#) [Â 22 EX-31.1 2 ex_749621.htm EXHIBIT 31.1 ex_749621.htm EXHIBIT 31.1](#) [Â I, Michael J. Taylor, certify that: Â 1. I have reviewed this report on Form 10-Q of Friedman Industries, Incorporated; Â 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; Â 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; Â 4. The registrant](#) [Â“s other certifying officer\(s\) and I are responsible for establishing and maintaining disclosure controls and procedures \(as defined in Exchange Act Rules 13a-15\(e\) and 15d-15\(e\)\) and internal control over financial reporting \(as defined in Exchange Act Rules 13a-15\(f\) and 15d-15\(f\)\) for the registrant and have: Â a\) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â b\) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â c\) Evaluated the effectiveness of the registrant](#) [Â“s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â d\) Disclosed in this report any change in the registrant](#) [Â“s internal control over financial reporting that occurred during the registrant](#) [Â“s most recent fiscal quarter \(the registrant](#) [Â“s fourth fiscal quarter in the case of an annual report\) that has materially affected, or is reasonably likely to materially affect, the registrant](#) [Â“s internal control over financial reporting; and Â 5. The registrant](#) [Â“s other certifying officer\(s\) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant](#) [Â“s auditors and the audit committee of the registrant](#) [Â“s board of directors \(or persons performing the equivalent functions\): Â a\) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant](#) [Â“s ability to record, process, summarize and report financial information; and Â b\) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant](#) [Â“s internal control over financial reporting. Â Dated: February 7, 2025](#) [Â Â /s/ MICHAEL J.Â TAYLOR President and Chief Executive Officer](#) [Â Â EX-31.2 3 ex_749622.htm EXHIBIT 31.2 ex_749622.htm EXHIBIT 31.2](#) [Â I, Alex LaRue, certify that: Â 1. I have reviewed this report on Form 10-Q of Friedman Industries, Incorporated; Â 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; Â 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; Â 4. The registrant](#) [Â“s other certifying officer\(s\) and I are responsible for establishing and maintaining disclosure controls and procedures \(as defined in Exchange Act Rules 13a-15\(e\) and 15d-15\(e\)\) and internal control over financial reporting \(as defined in Exchange Act Rules 13a-15\(f\) and 15d-15\(f\)\) for the registrant and have: Â a\) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â b\) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â c\) Evaluated the effectiveness of the registrant](#) [Â“s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â d\) Disclosed in this report any change in the registrant](#) [Â“s internal control over financial reporting that occurred during the registrant](#) [Â“s most recent fiscal quarter \(the registrant](#) [Â“s fourth fiscal quarter in the case of an annual report\) that has materially affected, or is reasonably likely to materially affect, the registrant](#) [Â“s internal control over financial reporting; and Â 5. The registrant](#) [Â“s other certifying officer\(s\) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant](#) [Â“s auditors and the audit committee of the registrant](#) [Â“s board of directors \(or persons performing the equivalent functions\): Â a\) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant](#) [Â“s ability to record, process, summarize and report financial information; and Â b\) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant](#) [Â“s internal control over financial reporting. Â Dated: February 7, 2025](#) [Â /s/ ALEX LARUE Chief Financial Officer](#) [Â Â“ Secretary and Treasurer](#) [Â Â EX-32.1 4 ex_749623.htm EXHIBIT 32.1 ex_749623.htm EXHIBIT 32.1](#) [Â Certification Pursuant to 18 U.S.C. SectionÂ 1350, as Adopted Pursuant to SectionÂ 906 of The Sarbanes-Oxley Act of 2002](#) [Â Not Filed Pursuant to the Securities Exchange Act of 1934](#) [Â In connection with the Quarterly Report of Friedman Industries, Incorporated \(the](#) [Â œCompany](#) [Â\) on Form 10-Q for the period ended December 31, 2024, as filed with the U.S. Securities and Exchange Commission on the date hereof \(the](#) [Â œReport](#) [Â\), I, Michael J. Taylor, President and Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. SectionÂ 1350, as adopted pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002, as amended, that: Â Â \(1\) The Report fully complies with the requirements of Section 13\(a\) or 15\(d\) of the Securities Exchange Act of 1934; and Â Â \(2\)Â The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Dated: February 7, 2025](#) [Â Â By /s/ Michael J. Taylor Name: Michael J. Taylor Title: President and Chief Executive Officer](#) [Â Â EX-32.2 5 ex_749624.htm EXHIBIT 32.2 ex_749624.htm EXHIBIT 32.2](#) [Â Certification Pursuant to 18 U.S.C. SectionÂ 1350, as Adopted Pursuant to SectionÂ 906 of The Sarbanes-Oxley Act of 2002](#) [Â Not Filed Pursuant to the Securities Exchange Act of 1934](#) [Â In connection with the Quarterly Report of Friedman Industries, Incorporated \(the](#) [Â œCompany](#) [Â\) on Form 10-Q for the period ended December 31, 2024, as filed with the U.S. Securities and Exchange Commission on the date hereof \(the](#) [Â œReport](#) [Â\), I, Alex LaRue, Chief Financial Officer](#) [Â Â“ Secretary and Treasurer of the Company, certify, pursuant to 18 U.S.C. SectionÂ 1350, as adopted pursuant to SectionÂ 906 of the Sarbanes-Oxley Act of 2002, as amended, that: Â Â \(1\) The Report fully complies with the requirements of Section 13\(a\) or 15\(d\) of the Securities Exchange Act of 1934; and Â Â \(2\) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Dated: February 7, 2025](#) [Â Â By /s/ Alex LaRue Name: Alex LaRue Title: Chief Financial Officer](#) [Â Â“ Secretary and Treasurer](#) [Â Â EX-101.SCH 6 frd-20241231.xsd XBRL TAXONOMY EXTENSION SCHEMA 000 - Document - Document And Entity Information link:calculationLink link:definitionLink link:presentationLink 001 - Statement - Condensed Consolidated Balance Sheets \(Unaudited\) link:calculationLink link:definitionLink link:presentationLink 002 - Statement - Condensed Consolidated Balance Sheets \(Unaudited\) \(Parentheticals\) link:calculationLink link:definitionLink link:presentationLink 003 - Statement - Condensed Consolidated Statements of Operations \(Unaudited\) link:calculationLink link:definitionLink link:presentationLink 004 - Statement - Condensed Consolidated Statements of Comprehensive Income \(Unaudited\) link:calculationLink link:definitionLink link:presentationLink 005 - Statement - Condensed Consolidated Statements of Cash Flows \(Unaudited\) link:calculationLink link:definitionLink link:presentationLink 006 - Disclosure - Note A - Basis of Presentation link:calculationLink link:definitionLink link:presentationLink 007 - Disclosure - Note B - New Accounting Pronouncements link:calculationLink link:definitionLink link:presentationLink 008 - Disclosure - Note C - Inventories link:calculationLink link:definitionLink link:presentationLink 009 - Disclosure - Note D - Debt link:calculationLink link:definitionLink link:presentationLink 010 - Disclosure - Note E - Leases link:calculationLink link:definitionLink link:presentationLink 011 - Disclosure - Note F - Property, Plant and Equipment link:calculationLink link:definitionLink link:presentationLink 012 - Disclosure - Note G - Stock Based Compensation link:calculationLink link:definitionLink link:presentationLink 013 - Disclosure - Note H - Derivative Financial Instruments link:calculationLink link:definitionLink link:presentationLink 014 - Disclosure - Note I - Fair Value Measurements link:calculationLink link:definitionLink link:presentationLink 015 - Disclosure - Note J - Industry Segment Data link:calculationLink link:definitionLink link:presentationLink 016 - Disclosure - Note K - Revenue link:calculationLink link:definitionLink link:presentationLink 017 - Disclosure - Note L - Stockholders' Equity link:calculationLink link:definitionLink link:presentationLink 018 - Disclosure - Note M - Other Comprehensive Income link:calculationLink link:definitionLink link:presentationLink 019 - Disclosure - Note N - Earnings Per Share link:calculationLink link:definitionLink link:presentationLink 020 - Disclosure - Note O - Supplemental Cash Flow Information link:calculationLink link:definitionLink link:presentationLink 021 - Disclosure - Note P - Income Taxes link:calculationLink link:definitionLink link:presentationLink 995468 - Disclosure - Note C - Inventories \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995469 - Disclosure - Note E - Leases \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995470 - Disclosure - Note G - Stock Based Compensation \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995471 - Disclosure - Note H - Derivative Financial Instruments \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995472 - Disclosure - Note I - Fair Value Measurements \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995473 - Disclosure - Note J - Industry Segment Data \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995474 - Disclosure - Note K - Revenue \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995475 - Disclosure - Note L - Stockholders' Equity \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995476 - Disclosure - Note M - Other Comprehensive Income \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995477 - Disclosure - Note N - Earnings Per Share \(Tables\) link:calculationLink link:definitionLink link:presentationLink 995478 - Disclosure - Note C - Inventories \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995479 - Disclosure - Note C - Inventories - Schedule of Inventory \(Details\) link:calculationLink link:definitionLink link:presentationLink 995480 - Disclosure - Note D - Debt \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995481 - Disclosure - Note E - Leases \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995482 - Disclosure - Note E - Leases - Lease Cost \(Details\) link:calculationLink link:definitionLink link:presentationLink 995483 - Disclosure - Note E - Leases - Balance Sheet Information \(Details\) link:calculationLink link:definitionLink link:presentationLink 995484 - Disclosure - Note E - Leases - Maturities of Operating and Finance Lease \(Details\) link:calculationLink link:definitionLink link:presentationLink 995485 - Disclosure - Note F - Property, Plant and Equipment \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995486 - Disclosure - Note G - Stock Based Compensation \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995487 - Disclosure - Note G - Stock Based Compensation - Restricted Stock Activity \(Details\) link:calculationLink link:definitionLink link:presentationLink 995488 - Disclosure - Note H - Derivative Financial Instruments \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995489 - Disclosure - Note H - Derivative Financial Instruments - Net Fair Value of Derivative Financial Instruments \(Details\) link:calculationLink link:definitionLink link:presentationLink 995490 - Disclosure - Note H - Derivative Financial Instruments - Gain \(Loss\) Recognized in Other Comprehensive Income \(Details\) link:calculationLink link:definitionLink link:presentationLink 995491 - Disclosure - Note H - Derivative Financial Instruments - Gain \(Loss\) Recognized in Earnings for Derivative Instruments \(Details\) link:calculationLink link:definitionLink link:presentationLink 995492 - Disclosure - Note H - Derivative Financial Instruments - Change in Accumulated Other Comprehensive Income \(Loss\), Net of Tax \(Details\) link:calculationLink link:definitionLink link:presentationLink 995493 - Disclosure - Note I - Fair Value Measurements - Recurring Fair Value Measurements \(Details\) link:calculationLink link:definitionLink link:presentationLink 995494 - Disclosure - Note J - Industry Segment Data - Segment Information \(Details\) link:calculationLink link:definitionLink link:presentationLink 995495 - Disclosure - Note K - Revenue \(Details Textual\) link:calculationLink link:definitionLink link:presentationLink 995496 - Disclosure - Note K - Revenue - Disaggregation of Revenue \(Details\) link:calculationLink link:definitionLink link:presentationLink 995497 - Disclosure - Note L - Stockholders' Equity - Schedule of Stockholders' Equity \(Details\) link:calculationLink link:definitionLink link:presentationLink 995498 - Disclosure - Note L - Stockholders' Equity - Schedule of Stockholders' Equity \(Details\) \(Parentheticals\) link:calculationLink link:definitionLink link:presentationLink 995499 - Disclosure - Note M - Other](#)

Comprehensive Income - Summary of Other Comprehensive Loss (Details) link:calculationLink link:definitionLink link:presentationLink 995500 - Disclosure - Note N - Earnings Per Share - Computation of Basic and Diluted Earnings Per Share (Details) link:calculationLink link:definitionLink link:presentationLink 995501 - Disclosure - Note N - Earnings Per Share - Restricted Stock Units (Details) link:calculationLink link:definitionLink link:presentationLink 995502 - Disclosure - Note O - Supplemental Cash Flow Information (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995503 - Disclosure - Note P - Income Taxes (Details Textual) link:calculationLink link:definitionLink link:presentationLink EX-101.CAL 7 frd-20241231_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE EX-101.DEF 8 frd-20241231_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE EX-101.LAB 9 frd-20241231_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE Document And Entity Information Note To Financial Statement Details Textual Gain (loss) on economic hedges of risk Note C - Inventories Fiscal 2026, operating leases Note E - Leases Fiscal 2027, operating leases Note G - Stock Based Compensation Allowances for bad debts and cash discounts For an unclassified balance sheet, a valuation allowance for receivables due a company that are expected to be uncollectible and for discounts provided for cash payments. Note H - Derivative Financial Instruments Note I - Fair Value Measurements Note J - Industry Segment Data Not Designated as Hedging Instrument [Member] Note K - Revenue Note L - Stockholders' Equity Note M - Other Comprehensive Income

frd_IncreaseDecreaseInDeferredCompensationCashBasedArrangementsliability Contribution to retirement plan The increase (decrease) of the liability related to deferred compensation arrangements during the period. Income Tax Disclosure [Text Block] Note N - Earnings Per Share ASSET BASED LENDING FACILITY Note C - Inventories - Schedule of Inventory (Details) Hedging Designation [Axis] Compensation expense for restricted stock Note E - Leases - Lease Cost (Details) Hedging Designation [Domain] Other assets Note E - Leases - Balance Sheet Information (Details) Tubular Inventory [Member] Represents inventory designated for the Tubular segment of the reporting entity. Note E - Leases - Maturities of Operating and Finance Lease (Details) Fiscal 2025 (remainder of fiscal year), operating leases us-gaap_LiabilitiesCurrent TOTAL CURRENT LIABILITIES Designated as Hedging Instrument [Member] JPMorgan Chase Bank N.A. [Member] The name of a lender of a credit facility. Note G - Stock Based Compensation - Restricted Stock Activity (Details) Note H - Derivative Financial Instruments - Net Fair Value of Derivative Financial Instruments (Details) Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Other Comprehensive Income (Details) Tubular [Member] Represents the Tubular segment of the reporting entity's business. Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Earnings for Derivative Instruments (Details) Note H - Derivative Financial Instruments - Change in Accumulated Other Comprehensive Income (Loss), Net of Tax (Details) Note I - Fair Value Measurements - Recurring Fair Value Measurements (Details) Note J - Industry Segment Data - Segment Information (Details) Note K - Revenue - Disaggregation of Revenue (Details) Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) (Parentheticals) Note M - Other Comprehensive Income - Summary of Other Comprehensive Loss (Details) Note N - Earnings Per Share - Computation of Basic and Diluted Earnings Per Share (Details) Note N - Earnings Per Share - Restricted Stock Units (Details) Notes To Financial Statements Notes To Financial Statements [Abstract] Granted, grant date fair value per share (in dollars per share) Derivative liability Current portion of derivative liability Vested, grant date fair value per share (in dollars per share) Cancelled or forfeited, grant date fair value per share (in dollars per share) us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue Unvested, grant date fair value per share (in dollars per share) Unvested, grant date fair value per share (in dollars per share) Cancelled or forfeited (in shares) Granite City, IL Facility [Member] Relating to the Granite City, IL Facility. us-gaap_LesseeOperatingLeaseRenewalTerm Lessee, Operating Lease, Renewal Term (Year) Office Space in Longview, Texas [Member] Relating to the office space in Longview, Texas. us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Unvested (in shares) Unvested (in shares) Schedule of Derivative Instruments [Table Text Block] Other comprehensive income, net of loss, before reclassification us-gaap_ReclassificationFromAociCurrentPeriodNetOfTaxAttributableToParent Total loss reclassified from AOCI (1) Granted (in shares) Depreciation and amortization us-gaap_DepreciationDepletionAndAmortization us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Vested (in shares) Total Total Nonvested Restricted Stock Shares Activity [Table Text Block] Other comprehensive income: Other comprehensive income us-gaap_AssetsCurrent TOTAL CURRENT ASSETS us-gaap_UnrealizedGainLossOnDerivatives Deferred realized loss on derivatives Equity [Text Block] Treasury stock, common shares (in shares) us-gaap_LesseeFinanceLeaseTermOfContract1 Lessee, Finance Lease, Term of Contract (Year) Common stock, par value \$1: Authorized shares â€” 10,000,000; Issued shares â€” 8,873,203 shares at December 31, and March 31, 2024 Measurement Frequency [Axis] Adjustments to reconcile net earnings to cash provided by operating activities: Measurement Frequency [Domain] Fair Value, Recurring [Member] Common stock, shares authorized (in shares) Accounts payable and accrued expenses us-gaap_AccountsPayableAndAccruedLiabilitiesCurrent Common stock, shares issued (in shares) us-gaap_DerivativeNonmonetaryNotionalAmountMass Derivative, Nonmonetary Notional Amount, Mass (US Ton) Common stock, par value (in dollars per share) Employee compensation and related expenses Derivative asset Current portion of derivative assets Income taxes payable Lessee, Operating Leases [Text Block] Dividends payable Product and Service [Axis] Other current assets Proceeds from sale of assets Product and Service [Domain] Fiscal 2029 and beyond, operating leases Amount of lessee's undiscounted obligation for lease payment for operating lease due after fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). Credit Facility [Axis] Credit Facility [Domain] Upgrade of Decatur, AL Processing Line [Member] Represents an upgrade a component of the Decatur, AL processing line. us-gaap_PolicyTextBlockAbstract Accounting Policies Cash Flow, Supplemental Disclosures [Text Block] Property, Plant and Equipment Disclosure [Text Block] Inventories Inventory, Net us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant (in shares) Revenue Net Sales Fair Value, Inputs, Level 3 [Member] us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Purchase of property, plant and equipment Flat-Roll finished goods Delivery Expense [Member] Represents information pertaining to delivery expenses. Fair Value Hierarchy and NAV [Domain] Processing and Warehouse Expense [Member] Represents information pertaining to processing and warehouse expenses. us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized Share-based Compensation Arrangement by Share-based Payment Award, Number of Shares Authorized (in shares) Fair Value, Inputs, Level 1 [Member] Fair Value, Inputs, Level 2 [Member] us-gaap_IncomeTaxesPaidNet Income Taxes Paid, Net Fair Value Hierarchy and NAV [Axis] CURRENT LIABILITIES: Flat-Roll raw material Identifiable assets TOTAL ASSETS Plan Name [Axis] Plan Name [Domain] PROPERTY, PLANT AND EQUIPMENT: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount OPERATING ACTIVITIES frd_IncreaseDecreaseInRightofassets Right-of-use asset The increase (decrease) in the balance of right-of-use assets during the period. us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition (Year) us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic Net earnings (loss) attributable to common shareholders Schedule of Segment Reporting Information, by Segment [Table Text Block] Statement [Line Items] us-gaap_AmountOfDilutiveSecuritiesStockOptionsAndRestrictiveStockUnits Less: Allocation to unvested restricted stock units us-gaap_NumberOfOperatingSegments Number of Operating Segments Accounts receivable, net of allowances for credit losses and cash discounts of \$145 and \$97 at December 31, and March 31, 2024, respectively us-gaap_NumberOfReportableSegments Number of Reportable Segments Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member] Flat-roll [Member] Represents information pertaining to the flat-roll segment. Share-Based Payment Arrangement [Text Block] Additional paid-in capital AOCI Attributable to Parent [Member] STOCKHOLDERSâ€™ EQUITY: Long-Lived Tangible Asset [Axis] Other income Segment Reporting Disclosure [Text Block] Long-Lived Tangible Asset [Domain] Award Type [Domain] CURRENT ASSETS: Fair Value Disclosures [Text Block] Award Type [Axis] Net earnings NET EARNINGS (LOSS) us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations CASH AND RESTRICTED CASH AT BEGINNING OF PERIOD CASH AND RESTRICTED CASH AT END OF PERIOD Restricted Stock Units (RSUs) [Member] us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect INCREASE (DECREASE) IN CASH AND RESTRICTED CASH OTHER ASSETS: us-gaap_Liabilities TOTAL LIABILITIES us-gaap_NetCashProvidedByUsedInFinancingActivities NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES COMMITMENTS AND CONTINGENCIES Operating profit (loss) EARNINGS (LOSS) FROM OPERATIONS us-gaap_NetCashProvidedByUsedInOperatingActivities NET CASH PROVIDED BY OPERATING ACTIVITIES us-gaap_NetCashProvidedByUsedInInvestingActivities NET CASH USED IN INVESTING ACTIVITIES Schedule of Balance Sheet Information Related to Operating Leases [Table Text Block] Tabular disclosure of balance sheet information related to operating leases. Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block] Cost of goods and services sold frd_OperatingLeaseMonthlyPayments Operating Lease, Monthly Payments Amount of monthly payments related to operating lease. DEFERRED INCOME TAX LIABILITY Consolidation Items [Domain] us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Less accumulated depreciation us-gaap_PropertyPlantAndEquipmentNet TOTAL PROPERTY, PLANT AND EQUIPMENT Commodity futures â€” financial assets, net Commodity futures â€” financial liabilities, net Consolidation Items [Axis] Machinery and equipment Customer Owned [Member] Information pertaining to customer owned coil. Construction in process Construction in Progress, Gross Prime Coil [Member] Information pertaining to prime coil. Land Buildings and yard improvements Manufactured Pipe [Member] Information pertaining to manufactured pipe. Change in postretirement benefits us-gaap_PaymentsOfDividendsCommonStock Cash dividends paid us-gaap_CostsAndExpenses Costs and Expenses Derivative Instrument [Axis] Derivative Contract [Domain] INVESTING ACTIVITIES frd_PaymentsForDepositOnSteelProcessingEquipment Deposit on steel processing equipment The cash outflow associated with the deposit on steel processing equipment. us-gaap_PaymentsForRepurchaseOfCommonStock Cash paid for share repurchases Costs and expenses: Hot-rolled Coil Future Contracts [Member] Represents hot-rolled coil future contracts. Material Sold Expense [Member] Represents the cost of materials sold. Net earnings (loss) per share: Retained Earnings [Member] Earnings Per Share [Text Block] us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable Income taxes payable Treasury Stock, Common [Member] 2016 Restricted Stock Plan [Member] Represents the plan that is administered by the Compensation Committee (the "Committee") of the Board of Directors (the "Board") and continues indefinitely until terminated by the Board or until all shares allowed by the Plan have been awarded and earned. us-gaap_IncreaseDecreaseInAccountsPayableAndAccruedLiabilities Accounts payable and accrued expenses us-gaap_DeferredFinanceCostsGross Debt Issuance Costs, Gross Additional Paid-in Capital [Member] us-gaap_IncreaseDecreaseInEmployeeRelatedLiabilities Employee compensation and related expenses Common Stock [Member] us-gaap_IncomeTaxExpenseBenefit Income Tax Expense (Benefit) Income taxes Equity Components [Axis] Equity Component [Domain] Current Hot-rolled coil steel contracts Gain recognized on open derivatives not designated for hedge accounting Provision for (benefit from) income taxes: us-gaap_ReclassificationFromAociCurrentPeriodTax Reclassification from AOCI, Current Period, Tax Other Current Assets [Member] TOTAL EARNINGS (LOSS) BEFORE INCOME TAXES EARNINGS (LOSS) BEFORE INCOME TAXES Reclassification out of Accumulated Other Comprehensive Income [Member] us-gaap_OperatingExpenses General corporate expenses Reclassification out of Accumulated Other Comprehensive Income [Axis] Reclassification out of Accumulated Other Comprehensive Income [Domain] Comprehensive Income (Loss) Note [Text Block] us-gaap_LineOfCredit Long-Term Line of Credit Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Cash frd_FinanceLeaseMonthlyPayment Finance Lease, Monthly Payment Represents the amount of monthly payment for finance lease. Disaggregation of Revenue [Table Text Block] us-gaap_AllocatedShareBasedCompensationExpense Share-Based Payment Arrangement, Expense Revenue from Contract with Customer [Text Block] us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationTaxParent Cash flow hedges, tax Heavy-duty Forklift [Member] Information pertaining to the heavy-duty forklift. Statement of Financial Position Location, Balance [Axis]

frd_OperatingAndFinanceLeaseRightofuseAsset Total right-of-use assets Amount of lessee's right to use underlying asset under operating and finance lease. Statement of Financial Position Location, Balance [Domain] Document Quarterly Report Amendment Flag Entity Incorporation, State or Country Code Accounting Policies [Abstract] us-gaap_ComprehensiveIncomeNetOfTax Comprehensive income (loss) Document Transition Report City Area Code

frd_OperatingAndFinanceLeaseLiability Total lease liabilities Present value of lessee's discounted obligation for lease payments from operating and finance lease. us-gaap_RepaymentsOfLongTermLinesOfCredit Repayments on asset based lending facility Entity Interactive Data Current Operating and Finance Lease, Liability, Maturity [Table Text Block] Tabular disclosure of undiscounted cash flows of operating and finance lease liability. Cash dividends, per share (in dollars per share) Cash dividends declared per common share (in dollars per share) Nonoperating Income (Expense) [Member] Gain on disposal of property, plant and equipment Gain (Loss) on Disposition of Property Plant Equipment Gain on disposal of property, plant and equipment Security Exchange Name Title of 12(b) Security us-gaap_IncreaseDecreaseInOtherOperatingAssets Other current assets Current Fiscal Year End Date us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Debt Instrument, Basis Spread on Variable Rate Increase (decrease) in operating liabilities: us-gaap_LeaseCost Lease, Cost us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Operating Lease, Weighted Average Discount Rate, Percent Document Fiscal Period Focus Borrowings on asset based lending facility Operating lease expense Document Fiscal Year Focus Lease, Cost [Table Text Block] Document Period End Date Statement of Income Location, Balance [Axis] us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1 Operating Lease, Weighted Average Remaining Lease Term (Year) Statement of Income Location, Balance [Domain] Entity File Number Entity Emerging Growth Company Document Type Interim Period, Costs Not Allocable [Domain] Entity Small Business Entity Shell Company us-gaap_DividendsCommonStockCash Cash dividends Document Information [Line Items] Document Information [Table] Nature of Expense [Axis] Entity Filer Category Entity Current Reporting Status Segments [Axis] Segments [Domain] Variable Rate [Domain] Prime Rate [Member] Restricted Stock Units (in shares) Variable Rate [Axis] us-gaap_IncreaseDecreaseInAccountsReceivable Accounts receivable Statement of Comprehensive Income [Abstract] Entity Tax Identification Number Entity Central Index Key Depreciation and amortization Entity Registrant Name Paid in capital â€" restricted stock units Entity [Domain] Legal Entity [Axis] Statement [Table] Entity Address, Address Line One Statement of Financial Position [Abstract] Diluted (in dollars per share) us-gaap_EarningsPerShareDiluted Weighted average common shares outstanding (in shares) ecd_NonRule10b51ArrTrmndFlag Non-Rule 10b5-1 Arrangement Terminated [Flag] us-gaap_TreasuryStockValueAcquiredCostMethod Repurchase of shares Entity Address, City or Town ecd_Rule10b51ArrTrmndFlag Rule 10b5-1 Arrangement Terminated [Flag] ecd_Rule10b51ArrAdoptedFlag Rule 10b5-1 Arrangement Adopted [Flag] Entity Address, Postal Zip Code us-gaap_TreasuryStockCommonValue Treasury stock at cost (1,906,693 shares and 1,896,892 shares at December 31, and March 31, 2024, respectively) us-gaap_EarningsPerShareBasic Basic (in dollars per share) Entity Address, State or Province Administrative Office Space in Woodlands, Texas [Member] Relating to administrative office in Woodlands, Texas. ecd_NonRule10b51ArrAdoptedFlag Non-Rule 10b5-1 Arrangement Adopted [Flag] Material Terms of Trading Arrangement [Text Block] Statement of Cash Flows [Abstract] Entity Common Stock, Shares Outstanding Lease Contractual Term [Domain] us-gaap_OtherComprehensiveIncomeLossBeforeTaxPortionAttributableToParent Other comprehensive income (loss), before tax Lease Contractual Term [Axis] us-gaap_OtherComprehensiveIncomeLossTaxPortionAttributableToParent1 Other comprehensive income (loss), tax Net current period other comprehensive income Other Comprehensive Income (Loss) Income Statement [Abstract] ABL Facility [Member] Represents the asset-based revolving loans facility.

frd_DebtInstrumentCovenantFixedChargeCoverageRatio Debt Instrument, Covenant, Fixed Charge Coverage Ratio Requirement for fixed charge coverage ratio under the debt agreement. frd_LineOfCreditFacilityMaximumBorrowingCapacityMaximumConditionalIncrease Line of Credit Facility, Maximum Borrowing Capacity, Maximum Conditional Increase The maximum amount of increase to the maximum borrowing capacity of the line of credit facility upon the satisfaction of certain conditions. frd_LineOfCreditFacilityMaximumBorrowingCapacityConditionalIncreaseMinimumIncrements Line of Credit Facility, Maximum Borrowing Capacity, Conditional Increase, Minimum Increments The minimum amount per increment of increases to the maximum borrowing capacity of the line of credit facility upon the satisfaction of certain conditions. us-gaap_IncreaseDecreaseInInventories Inventories Trading Symbol

frd_DebtInstrumentCovenantBorrowingLimitAsPercentOfAccountsReceivable Debt Instrument, Covenant, Borrowing Limit as Percent of Accounts Receivable Requirement for borrowing limit presented as a percent of accounts receivable under the debt agreement. Finance lease â€" interest on lease liability Cash flow hedges, before tax Organization, Consolidation and Presentation of Financial Statements Disclosure [Text Block] us-gaap_FinanceLeaseLiabilityPaymentsDue Finance Lease, Liability, to be Paid us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax Pre-tax gain (loss) recognized in OCI Finance lease â€" amortization of ROU asset us-gaap_LineOfCreditFacilityInterestRateAtPeriodEnd Line of Credit Facility, Interest Rate at Period End Local Phone Number us-gaap_TableTextBlock Notes Tables us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Line of Credit Facility, Maximum Borrowing Capacity us-gaap_DerivativeCollateralRightToReclaimCash Derivative Liability, Subject to Master Netting Arrangement, Collateral, Right to Reclaim Cash Not Offset Accounting Standards Update and Change in Accounting Principle [Text Block] Flat-Roll Inventory [Member] Represents inventory designated for the Flat-Roll segment of the reporting entity. frd_OperatingLeaseAdditionalTerm Operating Lease, Additional Term (Month) Represents the additional lease term. Selling, general and administrative Fair Value, Liabilities Measured on Recurring Basis [Table Text Block] FINANCING ACTIVITIES Line of Credit Facility, Lender [Domain] Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate [Member] Lender Name [Axis] us-gaap_LiabilitiesAndStockholdersEquity TOTAL LIABILITIES AND STOCKHOLDERSâ€™ EQUITY us-gaap_PaymentsToAcquireLifeInsurancePolicies Increase in cash surrender value of officersâ€™ life insurance Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Decrease (increase) in operating assets: Retained earnings Debt Disclosure [Text Block] Derivative Instruments, Gain (Loss) [Table Text Block] us-gaap_InterestExpense Interest expense POSTRETIREMENT BENEFITS OTHER THAN PENSIONS us-gaap_StockholdersEquity TOTAL STOCKHOLDERSâ€™ EQUITY Balance Balance us-gaap_DisclosureTextBlockAbstract Notes to Financial Statements Derivative Instruments and Hedging Activities Disclosure [Text Block] Inventory Disclosure [Text Block] Position [Domain] NON-CURRENT LEASE LIABILITIES Long [Member] Schedule of Inventory, Current [Table Text Block] Class of Stock [Axis] Short [Member] Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Present value of lease liability, operating lease us-gaap_OperatingLeaseLiability Schedule of Stockholders Equity [Table Text Block] Comprehensive Income (Loss) [Table Text Block] Operating lease liability, current Position [Axis] Current portion of financing lease Cash flow hedges Cash flow hedges, net of tax Operating Segments [Member] Operating lease right-of-use asset us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Total undiscounted lease payments, operating leases

frd_DebtInstrumentCovenantAvailabilityRemainingBeforeTestingPercentage Debt Instrument, Covenant, Availability Remaining Before Testing, Percentage The percentage of the maximum borrowing capacity that would trigger testing of the debt covenant. Schedule of Cash Flow Hedges Included in Accumulated Other Comprehensive Income (Loss) [Table Text Block] us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Less: imputed interest, operating leases us-gaap_FinanceLeasePrincipalPayments Cash paid for principal portion of finance lease frd_DebtInstrumentCovenantAvailabilityRemainingBeforeTestingValue Debt Instrument, Covenant, Availability Remaining Before Testing, Value The amount of the agreement remaining before debt covenants are tested. Deferred Deferred taxes Fiscal 2028, operating leases Finance lease right-of-use asset Hot-rolled Coil Steel Contracts [Member] Represents information related to hot-rolled coil steel contracts. EX-101.PRE 10 frd-20241231_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE XML 12 R1.htm IDEA: XBRL DOCUMENT v3.25.0.1 Document And Entity Information - shares 9 Months Ended Dec. 31, 2024 Feb. 07, 2025 Document Information [Line Items] Â Â Entity Central Index Key 0000039092 Â Entity Registrant Name FRIEDMAN INDUSTRIES INC Â Amendment Flag false Â Current Fiscal Year End Date -03-31 Â Document Fiscal Period Focus Q3 Â Document Fiscal Year Focus 2025 Â Document Type 10-Q Â Document Quarterly Report true Â Document Period End Date Dec. 31, 2024 Â Document Transition Report false Â Entity File Number 1-7521 Â Entity Incorporation, State or Country Code TX Â Entity Tax Identification Number 74-1504405 Â Entity Address, Address Line One 1121 Judson Road, Suite 124 Â Entity Address, City or Town Longview Â Entity Address, State or Province TX Â Entity Address, Postal Zip Code 75601 Â City Area Code 903 Â Local Phone Number 758-3431 Â Title of 12(b) Security Common Stock, \$1 Par Value Â Trading Symbol FRD Â Security Exchange Name NYSEAMER Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Entity Filer Category Accelerated Filer Â Entity Small Business true Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Common Stock, Shares Outstanding Â 6,970,536 X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_Data Type: dei:fiscalPeriodItem Type Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: dei_DocumentInformationLineItems Namespace Prefix: dei_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a> + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_Data Type: xbrli:booleanItem Type Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1> + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_Data Type: xbrli:booleanItem Type Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_Data Type: dei:submissionTypeItem Type Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_Data Type: xbrli:normalizedStringItem Type Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_Data Type: dei:stateOrProvinceItem Type Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef-Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2> + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_Data Type: dei:centralIndexKeyItem Type Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's

classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItem Type Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1:

https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount allocated to previously issued common shares repurchased by the issuing entity and held in treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockCommonValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 14 R3.htm IDEA: XBRL DOCUMENT v3.25.0.1 Condensed Consolidated Balance Sheets (Unaudited) (Parentheticals) - USD (\$) \$ in Thousands Dec. 31, 2024 Mar. 31, 2024 Allowances for bad debts and cash discounts \$ 145 \$ 97 Common stock, par value (in dollars per share) \$ 1 \$ 1 Common stock, shares authorized (in shares) 10,000,000 10,000,000 Common stock, shares issued (in shares) 8,873,203 8,873,203 Treasury stock, common shares (in shares) 1,906,693 1,896,892 X - DefinitionFor an unclassified balance sheet, a valuation allowance for receivables due a company that are expected to be uncollectible and for discounts provided for cash payments. + ReferencesNo definition available. + Details Name: frd_AllowanceForDoubtfulAccountsReceivableAndCashDiscountsCurrent Namespace Prefix: frd_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of previously issued common shares repurchased by the issuing entity and held in treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481549/505-30-45-1 + Details Name: us-gaap_TreasuryStockCommonShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant XML 15 R4.htm IDEA: XBRL DOCUMENT v3.25.0.1 Condensed Consolidated Statements of Operations (Unaudited) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Net Sales \$ 94,074 \$ 115,973 \$ 315,384 \$ 384,019 Costs and expenses: Á Á Á Selling, general and administrative 3,887 4,235 12,333 14,902 Depreciation and amortization 827 754 2,445 2,262 Costs and Expenses 95,636 109,800 318,346 366,434 Gain on disposal of property, plant and equipment 375 0 153 0 EARNINGS (LOSS) FROM OPERATIONS (1,187) 6,173 (2,809) 17,585 Gain (loss) on economic hedges of risk 264 (4,126) 5,833 706 Interest expense (632) (790) (2,182) (2,135) Other income 3 1 3 17 EARNINGS (LOSS) BEFORE INCOME TAXES (1,552) 1,258 845 16,173 Provision for (benefit from) income taxes: Á Á Á Current (393) 82 130 3,827 Deferred (7) (8) (25) (41) Income taxes (income) 74 105 3,786 NET EARNINGS (LOSS) \$ (1,152) \$ 1,184 \$ 740 \$ 12,387 Net earnings (loss) per share: Á Á Á Basic (in dollars per share) \$ (0.17) \$ 0.16 \$ 0.11 \$ 1.69 Diluted (in dollars per share) (0.17) 0.16 0.11 1.69 Cash dividends declared per common share (in dollars per share) \$ 0.04 \$ 0.02 \$ 0.12 \$ 0.06 Material Sold Expense [Member] Á Á Á Costs and expenses: Á Á Á Cost of goods and services sold \$ 78,509 \$ 91,972 \$ 263,165 \$ 309,157 Processing and Warehouse Expense [Member] Á Á Á Costs and expenses: Á Á Á Cost of goods and services sold 7,472 7,370 24,030 22,678 Delivery Expense [Member] Á Á Á Costs and expenses: Á Á Á Cost of goods and services sold \$ 4,941 \$ 5,469 \$ 16,373 \$ 17,435 X - DefinitionAggregate dividends declared during the period for each share of common stock outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_CommonStockDividendsPerShareDeclared Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1 + Details Name: us-gaap_CostOfGoodsAndServicesSold Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionTotal costs of sales and operating expenses for the period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_CostsAndExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CostsAndExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) pertaining to taxable income (loss) from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_CurrentIncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2:

[http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SX 210.4-08\(h\)\(1\)\(Note 1\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3):

Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-30>Reference 4: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482964/270-10-50-1>Reference 5: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 6: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 7: <http://www.xbrl.org/2003/role/exampleRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-31> + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-41>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482964/270-10-50-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 4: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 5: <http://fasb.org/us-gaap/role/ref/otherTransitionRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479941/924-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479806/606-10-50-5>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-30>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-42>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-40>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479806/606-10-50-4> + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_NatureOfExpenseAxis=frd_MaterialSoldExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_NatureOfExpenseAxis=frd_ProcessingAndWarehouseExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_NatureOfExpenseAxis=frd_DeliveryExpenseMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 16 R5.htm IDEA: XBRL DOCUMENT v3.25.0.1 Condensed Consolidated Statements of Comprehensive Income (Unaudited) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Net earnings \$ (1,152) \$ 1,184 \$ 740 \$ 12,387 Other comprehensive income: Â Â Â Cash flow hedges, net of tax 0 0 0 317 Other Comprehensive Income (Loss) 0 0 0 317 Comprehensive income (loss) \$ (1,152) \$ 1,184 \$ 740 \$ 12,704 X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1A>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1B>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-5> + Details Name: us-gaap_ComprehensiveIncomeNetOfTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-1>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 17: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-10>Reference 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1>Reference 21:

<http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-22> + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of realized and unrealized gain (loss) of derivative instruments not designated or qualifying as hedging instruments. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 815 -SubTopic 10 -Section 50 -Paragraph 4C -Subparagraph (e) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480434/815-10-50-4C>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Name Accounting Standards Codification -Section 50 -Paragraph 4CC -SubTopic 10 -Topic 815 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480434/815-10-50-4CC> + Details Name: us-gaap_DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for principal payment on finance lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479041/842-20-45-5> + Details Name: us-gaap_FinanceLeasePrincipalPayments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_GainLossOnSaleOfPropertyPlantEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the amounts payable to vendors for goods and services received and the amount of obligations and expenses incurred but not paid. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInAccountsPayableAndAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business presence) within a given jurisdiction. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of obligations related to services received from employees, such as accrued salaries and bonuses, payroll taxes and fringe benefits. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInEmployeeRelatedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingAssetsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingLiabilitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in operating assets classified as other. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_IncreaseDecreaseInOtherOperatingAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-24> + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-24> + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-24>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-25> + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-6>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-9>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478666/740-323-65-2>Reference 5: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-3>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-1>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480175/815-40-65-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-8>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 15: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-11>Reference 16: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483443/250-10-50-4>Reference 17: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-10>Reference 18: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479105/946-220-45-7>Reference 19: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 20: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1>Reference 21: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 22: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 23: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name

Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference> 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 31: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference> 32: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference> 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference> 34: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference> 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference> 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference> 37: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow to reacquire common stock during the period. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_PaymentsForRepurchaseOfCommonStock Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow in the form of ordinary dividends to common shareholders of the parent entity. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_PaymentsOfDividendsCommonStock Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash outflow for payment of premium on corporate-owned life insurance policy, classified as investing activities. Includes, but is not limited to, bank-owned life insurance policy. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-13Reference> 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 21C -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-21C> + Details Name: us-gaap_PaymentsToAcquireLifeInsurancePolicies Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-13> + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cost (reversal of cost) for pension and other postretirement benefits. + ReferencesNo definition available. + Details Name: us-gaap_PensionAndOtherPostretirementBenefitExpense Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-14> + Details Name: us-gaap_ProceedsFromLongTermLinesOfCredit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash inflow from the sale of property, plant and equipment (capital expenditures), software, and other intangible assets. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 12 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-12> + Details Name: us-gaap_ProceedsFromSaleOfProductiveAssets Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow for the settlement of obligation drawn from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with maturities due beyond one year or the operating cycle, if longer. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-15> + Details Name: us-gaap_RepaymentsOfLongTermLinesOfCredit Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of noncash expense for award of restricted stock or unit under share-based payment arrangement. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28> + Details Name: us-gaap_RestrictedStockExpense Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe net change in the difference between the fair value and the carrying value, or in the comparative fair values, of derivative instruments, including options, swaps, futures, and forward contracts, held at each balance sheet date, that was included in earnings for the period. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference> 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(3)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference> 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference> 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference> 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(7)(c)(7)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference> 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column F)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-S99-5A> + Details Name: us-gaap_UnrealizedGainLossOnDerivatives Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration XML 18 R7.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note A - Basis of Presentation 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Â Organization, Consolidation and Presentation of Financial Statements Disclosure [Text Block] NOTE A â€” BASIS OF PRESENTATION Â The accompanying unaudited, condensed consolidated financial statements have been prepared in accordance with the instructions to Form 10-Q and do not include all of the information and footnotes required by U.S. generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included. For further information, refer to the consolidated financial statements and footnotes of Friedman Industries, Incorporated (the “Company”) included in its annual report on Form 10-K for the year ended March 31, 2024. Â Reclassifications Â The consolidated financial statements for the previous yearÂ include certain reclassifications to conform to the current presentation. To conform with the current year presentation, â€œCost of products soldâ€ on the consolidated statements of operations was disaggregatedÂ into four separate line items: “Cost of materials sold”, “Processing and warehousing expense”, “Delivery expense” and “Depreciation and amortization”. The Company believes this increased level of detail provides financial statement users with a better understanding of the Company’s expenses. “Cost of materials sold” provides the costs associated with purchased steel, inbound freight, transfer freight and certain external processing costs. “Processing and warehousing expense” represents the operating costs at our processing facilities. “Delivery expense” represents the costs of delivering products to customers. The amount the Company charged customers for delivery of products is reported within “Net sales” on the consolidated statements of operations. These reclassifications had no impact on previously reported net earnings or stockholders’ equity. X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for organization, consolidation and basis of presentation of financial statements disclosure. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480424/946-10-50-1Reference> 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480424/946-10-50-2Reference> 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 810 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/810/tableOfContentReference> 4: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 205 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/205/tableOfContent> + Details Name: us-gaap_OrganizationConsolidationAndPresentationOfFinancialStatementsDisclosureTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 19 R8.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note B - New Accounting Pronouncements 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Â Accounting Standards Update and Change in Accounting Principle [Text Block] NOTE B â€” NEW ACCOUNTING PRONOUNCEMENTS Â In November 2024, the Financial Accounting Standards Board (â€œFASBâ€) issued Accounting Standards Update No. 2024-03, Income Statement â€” Reporting Comprehensive Income â€” Expense Disaggregation Disclosures: Disaggregation of Income Statement Expenses (â€œASU 2024-03â€). ASU 2024-03 will require more detailed information about the types of expenses in commonly presented income statement captions such as â€œCost of salesâ€ and â€œSelling, general and administrative expensesâ€. The new guidance is effective for annual reporting periods beginning after December 15, 2026, and interim

reporting periods beginning after December 15, 2027 with early adoption permitted. The Company is evaluating the impact that adoption of the provisions of ASU 2024-03 will have on its consolidated financial statements. Á In December 2023, the FASB issued Accounting Standards Update No. 2023-09, Improvements to Income Tax Disclosures ("ASU 2023-09"). ASU 2023-09 requires that an entity disclose specific categories in the rate reconciliation, provide additional information for reconciling items that are greater than 5 percent of the amount computed by multiplying pretax income (or loss) by the applicable statutory income tax rate, and provide income taxes paid by jurisdiction that are greater than 5 percent of total income taxes paid. The standard also requires that entities disclose income (or loss) from continuing operations before income tax expense (or benefit) and income tax expense (or benefit) each disaggregated between domestic and foreign operations. ASU 2023-09 is effective for annual periods beginning after December 15, 2024. Early adoption is permitted for annual financial statements that have not yet been issued or made available for issuance. ASU 2023-09 is to be applied on a prospective basis, but retrospective application is permitted. Á The Company is evaluating the impact that adoption of the provisions of ASU 2023-09 will have on its consolidated financial statements. Á In November 2023, the FASB issued Accounting Standards Update No. 2023-07, Improvements to Reportable Segment Disclosures ("ASU 2023-07"). ASU 2023-07 includes requirements that an entity disclose the title of the chief operating decision maker (CODM) and on an interim and annual basis, significant segment expenses and the composition of other segment items for each segment's reported profit. The standard also permits disclosure of additional measures of segment profit. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Early adoption is permitted. The guidance is to be applied retrospectively to all prior periods presented in the financial statements. The Company is evaluating the impact that adoption of the provisions of ASU 2023-07 will have on its consolidated financial statements. Á Á X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476173/280-10-65-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-7Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 5 -Subparagraph (SAB Topic 11.M.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-S99-5Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-S99-6Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Topic 250 -Publisher FASB -URI https://asc.fasb.org/250/tableOfContentReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1 + Details Name: us-gaap_NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 20 R9.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note C - Inventories 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Á Inventory Disclosure [Text Block] NOTE CÁ Î€" INVENTORIES Á The Company operates in two segments: the flat-roll segment and the tubular segment. Both flat-roll segment and tubular segment inventories consist of raw material and finished goods. Cost for substantially all of the Company's inventory is determined using the average cost method. All inventories are valued at the lower of cost or net realizable value. Flat-roll raw material inventory consists of steel coils the Company will process into sheet and plate. Flat-roll finished goods consists of processed sheet and plate inventory. Tubular raw material inventory consists of hot-rolled steel coils that the Company will manufacture into pipe. Tubular finished goods inventory consists of pipe the Company has manufactured. Inventory costs includeÁ the costs of the purchased metals, inbound freight, transfer freight, certain external processing, internal processing, direct labor and applicable overhead costs. Á A summary of inventory values by product group follows (in thousands): Á Á Á December 31, 2024 Á Á March 31, 2024 Á Flat-Roll raw material Á \$88,379Á Á \$85,483Á Flat-Roll finished goods Á Á 16,504Á Á Á 17,030Á Tubular raw material Á Á 5,707Á Á Á 4,185Á Tubular finished goods Á Á 4,804Á Á Á 9,106Á Á Á 115,394Á Á Á \$115,804Á Á Á Á X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContent + Details Name: us-gaap_InventoryDisclosureTextBlock Namespace Prefix: us-gaap_Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 21 R10.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note D - Debt 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Á Debt Disclosure [Text Block] NOTE DÁ Î€" DEBT Á Á Á Á Á Á Á Á The Company has a \$150 million asset-based lending facility ("ABL Facility") in place with JPMorgan Chase Bank, N.A. as the arranging agent and BMO Harris Bank, N.A. as a one-third syndicated participant. The ABL Facility matures on May 19, 2026 and is secured by substantially all of the assets of the Company. The Company can elect borrowings on a floating rate basis or a term basis. Floating rate borrowings accrue interest at a rate equal to the prime rate minus 1% per annum. Term rate borrowings accrue interest at a rate equal to the SOFR rate applicable to the selected term plus 1.8% per annum. Availability of funds under the ABL Facility is subject to a borrowing base calculation determined as the sum of (a) 90% of eligible accounts receivable, plus (b) the product of 85% multiplied by the net orderly liquidating value percentage identified in the most recent inventory appraisal multiplied by eligible inventory. The ABL Facility contains a springing financial covenant whereby the financial covenant is only tested when availability falls below the greater of 15% of the revolving commitment or \$22.5 million. The financial covenant restricts the Company from allowing its fixed charge coverage ratio to be, as of the end of any calendar month, less than 1.10 to 1.00 for the trailing twelve-month period then ending. The fixed charge coverage ratio is calculated as the ratio of (a) EBITDA, as defined in the ABL Facility, minus unfinanced capital expenditures to (b) cash interest expense plus scheduled principal payments on indebtedness plus taxes paid in cash plus restricted payments paid in cash plus capital lease obligation payments plus cash contributions to any employee pension benefit plans. The ABL Facility contains other representations and warranties and affirmative and negative covenants that are usual and customary. If certain conditions precedent are satisfied, the ABL facility may be increased by up to an aggregate of \$25 million, in minimum increments of \$5 million. AtÁ December 31, 2024, the Company had a balance of approximatelyÁ \$32.5Á millionÁ under the ABL Facility with an applicable interest rate of 6.5%. AtÁ December 31, 2024, the Company's applicable borrowing base calculation supported access to approximately \$99.2Á million ofÁ the ABL Facility. Á The Company incurred debt issuance costs of approximately \$0.4 million in connection with the ABL Facility. The Company recorded these debt issuance costs as non-current other assets and is amortizing these costs on an equal monthly basisÁ over the remaining term of the ABL facility. Á Á X - DefinitionThe entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -

Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I + Details Name: us-gaap_DebtDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 22 R11.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note E - Leases 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Á Lessee, Operating Leases [Text Block] Á NOTE EÁ ÊÊ LEASES Á The Company has an operating leaseÁ for the Granite City, IL facility with an expiration date of August 31, 2028 and Á optional renewal provisions for up to 4 renewal terms of five years each. The lease calls for monthly rental payments that adjust on an annual basis. The monthly rental payment in place at December 31, 2024 and remaining in place until adjustment in September 2025Á is approximately \$13,000 per month. The anticipated execution of renewal options for this lease is included in the ROU asset and lease liability calculation. The Company has an operating lease for administrative office space in The Woodlands, TX with an expiration date of February 28, 2029 and a renewal option for one additional 60 month term. The lease calls for monthly rental payments that adjust on an annual basis. The monthly rental payment in place at December 31, 2024 and remaining in place until adjustment in March 2025 is approximately \$11,000 per month. The CompanyÁÊÊÊÊs lease of its office space in Longview, Texas is the only other operating lease included in the Company's ROU assets and lease liabilities. This lease expires on April 30, 2027 and calls forÁ monthly rental payments of approximately \$5,000. The CompanyÁÊÊÊÊs other operating leases for items such as IT equipment and storage space are either short-term in nature or immaterial. Á In October 2019, the Company acquiredÁ equipment under a 5-year finance lease arrangement with a financed amount of approximately \$0.5 millionÁ and a monthly payment of approximately \$9,000. The last payment under this lease was made in October 2024.Á Á The components of expense related to leases for the three and nine months ended December 31, 2024Á and 2023 are as follows (in thousands): Á Á Á Three Months Ended Á Á Nine Months Ended Á Á Á December 31, Á Á December 31, Á Á Á 2024 Á Á 2023 Á Á 2024 Á Á 2023 Á Finance lease ÊÊ amortization of ROU asset Á ÊÊÁ Á Á Á Á Á Á Á Á 266Á Á Á 544Á Á Á 78Á Finance lease ÊÊ interest on lease liability Á Á ÊÊÁ Á Á Á Á Á Á Á Á 1Á Á Á Á ÊÊÁ Á Á Á 3Á Operating lease expense Á Á 108Á Á Á 34Á Á Á 276Á Á Á 102Á Á Á \$108Á Á \$61Á Á \$330Á Á \$183Á Á The following table illustrates the balance sheet classification for ROU assets and lease liabilities as of December 31, 2024Á and March 31, 2024Á (in thousands): Á Á Á December 31, 2024 Á March 31, 2024 Á Balance Sheet Classification Assets Á Á Á Á Á Á Á Á Operating lease right-of-use asset Á \$2,894Á Á \$2,841Á Operating lease right-of-use asset Finance lease right-of-use asset Á Á 385Á Á Á 404Á Property, plant & equipment Total right-of-use assets Á \$3,279Á Á \$3,245Á Á Liabilities Á Á Á Á Á Á Á Á Operating lease liability, current Á \$157Á Á \$101Á Accrued expenses Finance lease liability, current Á Á ÊÊÁ Á Á Á 54Á Current portion of finance lease Operating lease liability, non-current Á Á 2,790Á Á Á 2,782Á Non-current lease liabilities Total lease liabilities Á \$2,947Á Á \$2,937Á Á Á As of December 31, 2024, the weighted-average remaining lease term was 19.3Á years for operating leases.Á The weighted average discount rate was 7.5% for operating leases. Á Maturities of lease liabilities as of December 31, 2024 were as follows (in thousands): Á Á Á Operating Leases Á Fiscal 2025 (remainder of fiscal year) Á Á 90Á Fiscal 2026 Á Á 363Á Fiscal 2027 Á Á 371Á Fiscal 2028 Á Á 324Á Fiscal 2029 and beyond Á Á 5,043Á Total undiscounted lease payments Á \$6,191Á Less: imputed interest Á Á (3,244) Present value of lease liability Á \$2,947Á Á X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for operating leases of lessee. Includes, but is not limited to, description of operating lease and maturity analysis of operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 - SubTopic 20 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/842-20/tableOfContent + Details Name: us-gaap_LesseeOperatingLeasesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 23 R12.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note F - Property, Plant and Equipment 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Á Property, Plant and Equipment Disclosure [Text Block] NOTE FÁ ÊÊ PROPERTY, PLANT AND EQUIPMENT Á At December 31, 2024, the Company's construction in process balance of approximately \$0.7Á million consisted of severalÁ smaller projects amongÁ our facilities. During December 2024, the Company's tubular segment sold equipment for \$0.8 million resulting in a gain of approximately \$0.4 million.Á Á X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for long-lived, physical asset used in normal conduct of business and not intended for resale. Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/360/tableOfContentReference 2: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 6 -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 7 -SubTopic 360 -Topic 958 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477798/958-360-50-7 + Details Name: us-gaap_PropertyPlantAndEquipmentDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 24 R13.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note G - Stock Based Compensation 9 Months Ended Dec. 31, 2024 Notes to Financial Statements Á Share-Based Payment Arrangement [Text Block] NOTE GÁ ÊÊ STOCK BASED COMPENSATION Á The Company maintains the Friedman Industries, Incorporated 2016 Restricted Stock Plan (the ÊÊPlanÊÊ). The Plan is administered by the Compensation Committee (the ÊÊCommitteeÊÊ) of the Board of Directors (the ÊÊBoardÊÊ) and continues indefinitely until terminated by the Board or until all shares allowed by the Plan have been awarded and earned. The aggregate number of shares of the CompanyÁÊÊÊs Common Stock eligible for award under the Plan is 500,000 shares. Subject to the terms and provisions of the Plan, the Committee may, from time to time, select the employees, directors or consultants to whom awards will be granted and shall determine the amount and applicable restrictions of each award. Restricted awards entitle recipients to vote and receive non-forfeitable dividends during the restriction period. Because dividends are non-forfeitable, they are reflected in retained earnings. Forfeitures are accounted for upon their occurrence. Because the Company accounts for forfeitures as they occur, the non-forfeitable dividends are reclassified from retained earnings to additional stock compensation for the actual forfeitures that occurred. Á The following table summarizes the activity related to restricted stock units (ÊÊRSUsÊÊ) for the nine months ended December 31, 2024: Á Á Á Á Á Á Weighted Average Á Á Á Number of Shares Á Á Grant Date Fair Value Per Share Á Unvested at March 31, 2024 Á Á 64,487Á Á \$6.62Á Cancelled or forfeited Á Á ÊÊÁ Á Á ÊÊÁ Á Á 6Á Vested Á Á (46,000)Á Á 6.45Á Unvested at December 31, 2024 Á Á 18,487Á Á \$7.04Á Á The Company measures compensation expense for RSUs at the market price of the common stock as of the grant date. Compensation expense is recognized over the requisite service period applicable to each award. The Company recorded compensation expense of approximately \$0.1Á millionÁ and \$0.2Á million inÁ the nine months ended December 31, 2024 and 2023, respectively, relating to the RSUs issued under the Plan. As of December 31, 2024, unrecognized compensation expense related to unvested RSUs was approximately \$15,000Á which is expected to be recognized over a weighted average period of approximately 0.3Á years. As of December 31, 2024, a total of 117,998 shares were still available to be issued under the Plan. X - DefinitionThe entire disclosure for share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type:

[illegible]

[illegible]

financing activities of an enterprise during a period that affect recognized assets or liabilities but that do not result in cash receipts or cash payments in the period. "Part noncash" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/230/tableOfContent> + Details Name: us-gaap_CashFlowSupplementalDisclosuresTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X -ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 33 R22.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note P - Income Taxes 9 Months Ended Dec. 31, 2024 Notes to Financial StatementsÂ Income Tax Disclosure [Text Block] NOTE PÂ Â€" INCOME TAXES Â For the nine month periods ended December 31, 2024Â and 2023, the Company recordedÂ income tax provisions of approximately \$0.1Â million and \$3.8Â million, respectively.Â For theÂ nine months ended December 31, 2024, the effective tax rate differed from the federal statutory rate due primarily to the tax effect of restricted stock vesting during the periodÂ with this impact partially reduced by the inclusion of state tax expenses in the provision. For theÂ nine months ended December 31, 2023, the effective tax rate differed from the federal statutory rate due primarily to the inclusion of state taxÂ expenses in the provision.Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for income tax. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-12>Reference 2: <http://www.xbrl.org/2003/role/exampleRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482663/740-10-55-231>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12C -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-12C>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12B -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-12B>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 270 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477891/740-270-50-1>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.1.5.Q1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479360/740-10-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480990/946-20-50-13>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -Name Accounting Standards Codification -Publisher FASB -URI <https://asc.fasb.org/740/tableOfContent>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 14 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-14>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-21>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 17 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482685/740-10-50-17>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 11.C) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479360/740-10-S99-2>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 740 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482603/740-30-50-2> + Details Name: us-gaap_IncomeTaxDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R23.htm IDEA: XBRL DOCUMENT v3.25.0.1 Insider Trading Arrangements 9 Months Ended Dec. 31, 2024 Insider Trading Arr Line Items Â Rule 10b5-1 Arrangement Adopted [Flag] false Rule 10b5-1 Arrangement Terminated [Flag] false Non-Rule 10b5-1 Arrangement Adopted [Flag] false Non-Rule 10b5-1 Arrangement Terminated [Flag] false X - ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef> -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a + Details Name: ecd_InsiderTradingArrLineItems Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef> -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef> -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X -ReferencesReference 1: <http://www.xbrl.org/2003/role/presentationRef> -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration XML 35 R24.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note C - Inventories (Tables) 9 Months Ended Dec. 31, 2024 Notes Tables Â Schedule of Inventory, Current [Table Text Block] Â Â December 31, 2024 Â Â March 31, 2024 Â Flat-Roll raw material Â \$88,379Â Â \$85,483Â Flat-Roll finished goods Â Â 16,504Â Â Â 17,030Â Tubular raw material Â Â 5,707Â Â Â 4,185Â Tubular finished goods Â Â 4,804Â Â Â 9,106Â Â Â \$115,394Â Â \$115,804Â X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483489/210-10-50-1> + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 36 R25.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note E - Leases (Tables) 9 Months Ended Dec. 31, 2024 Notes Tables Â Lease, Cost [Table Text Block] Â Â Three Months Ended Â Â Nine Months Ended Â Â Â December 31, Â Â December 31, Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Finance lease Â€" amortization of ROU asset Â \$â€" Â Â \$26Â Â \$54Â Â \$78Â Finance lease Â€" interest on lease liability Â Â Â€"Â Â Â 1Â Â Â Â€"Â Â Â 3Â Operating lease expense Â Â 108Â Â Â 34Â Â Â 276Â Â Â 102Â Â Â \$108Â Â \$61Â Â \$330Â Â \$183Â Schedule of Balance Sheet Information Related to Operating Leases [Table Text Block] Â Â December 31, 2024 Â Â March 31, 2024 Â Balance Sheet Classification Assets Â Â Â Â Â Â Operating lease right-of-use asset Â \$2,894Â Â \$2,841Â Operating lease right-of-use asset Finance lease right-of-use asset Â Â 385Â Â Â 404Â Property, plant & equipment Total right-of-use assets Â \$3,279Â Â \$3,245Â Liabilities Â Â Â Â Â Operating lease liability, current Â \$157Â Â \$101Â Accrued expenses Finance lease liability, current Â Â Â€"Â Â Â 54Â Current portion of finance lease Operating lease liability, non-current Â Â 2,790Â Â Â 2,782Â Non-current lease liabilities Total lease liabilities Â \$2,947Â Â \$2,937Â Â Operating and Finance Lease, Liability, Maturity [Table Text Block] Â Â Operating Leases Â Fiscal 2025 (remainder of fiscal year) Â Â 90Â Fiscal 2026 Â Â 363Â Fiscal 2027 Â Â 371Â Fiscal 2028 Â Â 324Â Fiscal 2029 and beyond Â Â 5,043Â Total undiscounted lease payments Â \$6,191Â Less: imputed interest Â Â (3,244) Present value of lease liability Â \$2,947Â X - DefinitionTabular disclosure of undiscounted cash flows of operating and finance lease liability. + ReferencesNo definition available. + Details Name: frd_OperatingAndFinanceLeaseLiabilityMaturityTableTextBlock Namespace Prefix: frd_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of balance sheet information related to operating leases. + ReferencesNo definition available. + Details Name: frd_ScheduleOfBalanceSheetInformationRelatedToOperatingLeasesTableTextBlock Namespace Prefix: frd_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4> + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 37 R26.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note G - Stock Based Compensation (Tables) 9 Months Ended Dec. 31, 2024 Notes Tables Â Nonvested Restricted Stock Shares Activity [Table Text Block] Â Â Â Â Â Weighted Average Â Â Â Number of Shares Â Â Grant Date Fair Value Per Share Â Unvested at March 31, 2024 Â Â 64,487Â Â \$6.62Â Cancelled or forfeited Â Â Â€"Â Â Â Â€"Â Â Granted Â Â Â€"Â Â Â Â€"Â Vested Â Â (46,000)Â Â 6.45Â Unvested at December 31, 2024 Â Â 18,487Â Â \$7.04Â X - DefinitionTabular disclosure of the changes in outstanding nonvested restricted stock shares. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 50 -Subparagraph (c) -Paragraph 2 -SubTopic 10 -Topic 718 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480429/718-10-50-2> + Details Name: us-gaap_NonvestedRestrictedStockSharesActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 38 R27.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note H - Derivative Financial Instruments (Tables) 9 Months Ended Dec. 31, 2024 Notes Tables Â Schedule of Derivative Instruments [Table Text Block] Â Asset Derivatives Â Liability Derivatives Â Â Balance Sheet Â Â Â Balance Sheet Â Â Â Â Derivatives not designated as hedging instruments: Location Â Fair Value Â Location Â Fair Value Â Hot-rolled coil steel contracts Current portion of derivative assets Â \$38Â Current portion of derivative liability Â \$10Â Â Asset Derivatives Â Liability Derivatives Â Â Balance Sheet Â Â Â Balance Sheet Â Â Â Â Derivatives not designated as hedging instruments: Location Â Fair Value Â Location Â Fair Value Â Hot-rolled coil steel contracts Current portion of derivative assets Â \$74Â Current portion of derivative liability Â \$1,686Â Schedule of Cash Flow Hedges Included in Accumulated Other Comprehensive Income (Loss) [Table Text Block] Â Â Pre-Tax Gain (Loss) Recognized in OCIÂ Location of LossÂ Reclassified from AOCI into Net Earnings Â Â Pre- Tax Loss Reclassified from AOCI into Net EarningsÂ For the nine months ended December 31, 2023: Â Â Â Â Â Hot-rolled coil steel contracts Â \$â€"Â Sales Â \$(418) Total Â \$â€"Â Â Â \$ (418) Derivative Instruments, Gain (Loss) [Table Text Block] Â Â Â Gain Recognized in Earnings Â Location of Gain Â for the Three Months Ended Â Â Recognized in Earnings Â December 31, 2024Â Hot-rolled coil steel contracts Gain (loss) on economic hedges of risk Â \$264Â Â Â Gain Recognized in Earnings Â Location of Gain Â for the Nine Months Ended Â Â Recognized in Earnings Â December 31, 2024Â Hot-rolled coil steel contracts Gain (loss) on economic hedges of risk Â \$5,833Â Â Â Loss Recognized in Earnings Â Location of Loss Â for the Three Months Ended Â Â Recognized in Earnings Â December 31, 2023Â Hot-rolled coil steel contracts Gain (loss) on economic hedges of risk Â \$(4,126) Â Â Gain Recognized in Earnings Â Location of Gain Â for the Nine Months Ended Â Â Recognized in Earnings Â December 31, 2023Â Hot-rolled coil steel contracts Gain (loss) on economic hedges of risk Â \$706Â Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member] Â Notes Tables Â Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block] Â Â Gain (Loss) on Â Â Derivatives Â Balance at March 31, 2023 Â \$(317) Other comprehensive income, net of loss, before reclassification Â Â Â€"Â Total

us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3: [http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4E -Publisher FASB -URI https://asc.fasb.org/1943274/2147480434/815-10-50-4E](http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20 + Details Name: us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments. + ReferencesReference 1: <a href=)Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 3:

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Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482900/835-30-50-1> + Details Name: us-gaap_DeferredFinanceCostsGrossNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478546/942-210-S99-1>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478777/944-210-S99-1> + Details Name: us-gaap_LineOfCreditNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe effective interest rate at the end of the reporting period. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_LineOfCreditFacilityInterestRateAtPeriodEndNamespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_LineOfCreditFacilityMaximumBorrowingCapacityNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_CreditFacilityAxis=frd_ABLFacilityMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LineOfCreditFacilityAxis=frd_JPMorganChaseBankNameMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VariableRateAxis=us-gaap_PrimeRateMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VariableRateAxis=us-gaap_SecuredOvernightFinancingRateSoFrOvernightIndexSwapRateMemberNamespace Prefix: Data Type: na Balance Type: Period Type: XML 48 R37.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note E - Leases (Details Textual) - USD (\$) 1 Months Ended 9 Months Ended Apr. 30, 2024 Oct. 31, 2019 Dec. 31, 2024 Operating Lease, Weighted Average Remaining Lease Term (Year) 19 years 3 months 18 days Operating Lease, Weighted Average Discount Rate, Percent 7.50% Heavy-duty Forklift [Member] 9,000 A Lessee, Finance Lease, Term of Contract (Year) 5 years A Finance Lease, Liability, to be Paid A \$ 500,000 A Finance Lease, Monthly Payment A \$ 13,000 Administrative Office Space in Woodlands, Texas [Member] A Operating Lease, Monthly Payments A \$ 11,000 Operating Lease, Additional Term (Month) 60 months Office Space in Longview, Texas [Member] A Operating Lease, Monthly Payments \$ 5,000 A X - DefinitionRepresents the amount of monthly payment for finance lease. + ReferencesNo definition available. + Details Name: frd_FinanceLeaseMonthlyPaymentNamespace Prefix: frd_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRepresents the additional lease term. + ReferencesNo definition available. + Details Name: frd_OperatingLeaseAdditionalTermNamespace Prefix: frd_Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of monthly payments related to operating lease. + ReferencesNo definition available. + Details Name: frd_OperatingLeaseMonthlyPaymentsNamespace Prefix: frd_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of lessee's undiscounted obligation for lease payments for finance lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-6> + Details Name: us-gaap_FinanceLeaseLiabilityPaymentsDueNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTerm of lessee's finance lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-3> + Details Name: us-gaap_LesseeFinanceLeaseTermOfContract1Namespace Prefix: us-gaap_Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionTerm of lessee's operating lease renewal, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-3> + Details Name: us-gaap_LesseeOperatingLeaseRenewalTermNamespace Prefix: us-gaap_Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionWeighted average discount rate for operating lease calculated at point in time. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(4) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4> + Details Name: us-gaap_OperatingLeaseWeightedAverageDiscountRatePercentNamespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionWeighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4> + Details Name: us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1Namespace Prefix: us-gaap_Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_PropertyPlantAndEquipmentByTypeAxis=frd_HeavydutyForkliftMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LeaseContractualTermAxis=frd_GraniteCityILFacilityMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LeaseContractualTermAxis=frd_AdministrativeOfficeSpaceInWoodlandsTexasMemberNamespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LeaseContractualTermAxis=frd_OfficeSpaceInLongviewTexasMemberNamespace Prefix: Data Type: na Balance Type: Period Type: XML 49 R38.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note E - Leases - Lease Cost (Details) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Finance lease amortization of ROU asset \$ 0 \$ 26 \$ 54 \$ 78 Finance lease interest on lease liability 0 1 0 3 Operating lease expense 108 34 276 102 Lease, Cost \$ 108 \$ 61 \$ 330 \$ 183 X - DefinitionAmount of interest expense on finance lease liability. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4> + Details Name: us-gaap_FinanceLeaseInterestExpenseNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of amortization expense attributable to right-of-use asset from finance lease. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479041/842-20-45-4>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4> + Details Name: us-gaap_LeaseCostNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability. + ReferencesReference 1: <http://www.xbrl.org/2003/role/exampleRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479589/842-20-55-53>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478964/842-20-50-4> + Details Name: us-gaap_OperatingLeaseCostNamespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 50 R39.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note E - Leases - Balance Sheet Information (Details) - USD (\$) \$ in Thousands Dec. 31, 2024 Mar. 31, 2024 Operating lease right-of-use asset \$ 2,894 \$ 2,841 Finance lease right-of-use asset 385 404 Total right-of-use assets 3,279 3,245 Operating lease liability, current 157 101 Current portion of financing lease 0 54 NON-CURRENT LEASE LIABILITIES 2,790 2,782 Total lease liabilities \$ 2,947 \$ 2,937 X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating and finance lease. + ReferencesNo definition available. + Details Name: frd_OperatingAndFinanceLeaseLiabilityNamespace Prefix: frd_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating and finance lease. + ReferencesNo definition available. + Details Name: frd_OperatingAndFinanceLeaseRightofuseAssetNamespace Prefix: frd_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from finance lease, classified as current. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -

Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_FinanceLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after accumulated amortization, of right-of-use asset from finance lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_FinanceLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_PlanNameAxis=frd_RestrictedStockPlan2016Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R43.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note G - Stock Based Compensation - Restricted Stock Activity (Details) - Restricted Stock Units (RSUs) [Member] 9 Months Ended Dec. 31, 2024 \$ / shares 6.62 Cancelled or forfeited (in shares) | shares 0 Cancelled or forfeited, grant date fair value per share (in dollars per share) | \$ / shares \$ 0 Granted (in shares) | shares 0 Granted, grant date fair value per share (in dollars per share) | \$ / shares \$ 6.45 Unvested (in shares) | shares 18,487 Unvested, grant date fair value per share (in dollars per share) | \$ / shares \$ 7.04 X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-

gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionWeighted average fair value as of the grant date of equity-based award plans other than stock (unit) option plans that were not exercised or put into effect as a result of the occurrence of a terminating event. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\) \(03\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue](http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) (03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeituresWeightedAverageGrantDateFairValue) Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(ii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: instant X - DefinitionPer share or unit weighted-average fair value of nonvested award under share-based payment arrangement. Excludes share and unit options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(i\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(ii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsNonvestedWeightedAverageGrantDateFairValue](http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value at grant date for nonvested equity-based awards issued during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriodWeightedAverageGrantDateFairValue) Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: instant X - DefinitionThe number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph \(c\)\(2\)\(iii\) \(02\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue](http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItem Type Balance Type: na Period Type: duration X - DefinitionThe weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii) (02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue) Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: duration X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockUnitsRSUMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R44.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note H - Derivative Financial Instruments (Details Textual) \$ in Millions 9 Months Ended Dec. 31, 2024 USD (\$) T Dec. 31, 2023 USD (\$) Mar. 31, 2024 USD (\$) Other Current Assets [Member] \$ \$ \$ Derivative Liability, Subject to Master Netting Arrangement, Collateral, Right to Reclaim Cash Not Offset | \$ \$ 0.1 \$ \$ 3.0 Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member] \$ \$ \$ Reclassification from AOCI, Current Period, Tax | \$ \$ 0.1 \$ \$ Not Designated as Hedging Instrument [Member] | Long [Member] \$ \$ \$ Derivative, Nonmonetary Notional Amount, Mass (US Ton) | T 4,020 \$ \$ Not Designated as Hedging Instrument [Member] | Short [Member] \$ \$ \$ Derivative, Nonmonetary Notional Amount, Mass (US Ton) | T 180 \$ \$ X - DefinitionAmount of right to receive cash collateral under master netting arrangements that have not been offset against derivative liabilities. + ReferencesReference 1:

Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 16: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478795/946-210-50-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)(Footnote 7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5CReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-50-5CReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.6-04(9)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-50-5CReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)(Footnote 8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5CReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5C -Subparagraph (SX 210.12-13C(Column H)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5CReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Subparagraph (SX 210.12-13(Column G)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5CReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5A -Subparagraph (SX 210.12-13A(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section 50 -Paragraph 5B -Subparagraph (SX 210.12-13B(Column E)(Footnote 4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477271/946-320-50-5BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483466/210-20-50-3Reference 28: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-22Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483444/210-20-55-10Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-10 + Details Name: us-gaap_DerivativeLiabilitiesNamespacePrefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFair value of financial and nonfinancial obligations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2 + Details Name: us-gaap_LiabilitiesFairValueDisclosureNamespacePrefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_FairValueByMeasurementFrequencyAxis=us-gaap_FairValueMeasurementsRecurringMemberNamespacePrefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel1MemberNamespacePrefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel2MemberNamespacePrefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByFairValueHierarchyLevelAxis=us-gaap_FairValueInputsLevel3MemberNamespacePrefix: Data Type: na Balance Type: Period Type: XML 61 R50.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note J - Industry Segment Data - Segment Information (Details) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Mar. 31, 2024 Net Sales \$ 94,074 \$ 115,973 \$ 315,384 \$ 384,019 Á Operating profit (loss) (1,187) 6,173 (2,809) 17,585 Á Gain (loss) on economic hedges of risk 264 (4,126) 5,833 706 Á Interest expense (632) (790) (2,182) (2,135) Á Other income 3 1 3 17 Á TOTAL EARNINGS (LOSS) BEFORE INCOME TAXES (1,552) 1,258 845 16,173 Á Identifiable assets 210,252 Á 210,252 Á \$ 230,019 Flat-roll [Member] Á Á Á Á Net Sales 86,144 106,424 286,910 352,148 Á Tubular [Member] Á Á Á Á Net Sales 7,930 9,549 28,474 31,871 Á Operating Segments [Member] Á Á Á Á Operating profit (loss) 1,061 8,578 4,629 25,814 Á Identifiable assets 207,452 Á 207,452 Á 225,386 Operating Segments [Member] | Flat-roll [Member] Á Á Á Á Net Sales 86,144 106,424 286,910 352,148 Á Operating profit (loss) 1,295 8,694 6,630 23,650 Á Identifiable assets 193,538 Á 193,538 Á 205,797 Operating Segments [Member] | Tubular [Member] Á Á Á Á Net Sales 7,930 9,549 28,474 31,871 Á Operating profit (loss) (234) (116) (2,001) 2,164 Á Identifiable assets 13,914 Á 13,914 Á 19,589 Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Á Á Á Á General corporate expenses (2,248) \$ (2,405) (7,438) \$ (8,229) Á Identifiable assets \$ 2,800 Á \$ 2,800 Á \$ 4,633 X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-50-59-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-50-59-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-50-59-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-50-59-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-50-59-1Reference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-50-59-1Reference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-50-59-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-

10-S99-1AReference 21:

-SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 23: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 24: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 25: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 26: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 27: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 28: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 29: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 30: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 31: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 32: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482689/260-10-45-60B>Reference 33: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483499/205-20-50-7>Reference 34: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-28>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1A>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1B>Reference 37: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount before tax, after reclassification adjustments of other comprehensive income (loss). + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481694/830-30-45-17>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 4: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-4>Reference 5: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-5>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481694/830-30-45-20>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1> + Details Name: us-gaap_OtherComprehensiveIncomeLossBeforeTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 4: <http://www.xbrl.org/2003/role/exampleRef> -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481372/852-10-55-10>Reference 5: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-12>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-1>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479170/946-210-S99-2>Reference 8: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479134/946-220-S99-3>Reference 11: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 12: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 13: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-28>Reference 14: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480418/310-10-S99-2> + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionEquity impact of the cost of common and preferred stock that were repurchased during the period. Recorded using the cost method. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481112/505-10-50-2>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480008/505-10-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 505 -SubTopic 30 -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481549/505-30-45-1> + Details Name: us-gaap_TreasuryStockValueAcquiredCostMethod Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_CommonStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedOtherComprehensiveIncomeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AdditionalPaidInCapitalMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_TreasuryStockCommonMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_RetainedEarningsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 65 R54.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) (Parentheticals) - \$ / shares 3 Months Ended 9 Months Ended Dec. 31, 2024 Sep. 30, 2024 Jun. 30, 2024 Dec. 31, 2023 Sep. 30, 2023 Jun. 30, 2023 Dec. 31, 2024 Dec. 31, 2023 Cash dividends, per share (in dollars per share) \$ 0.04 \$ 0.04 \$ 0.04 \$ 0.02 \$ 0.02 \$ 0.12 \$ 0.06 X - DefinitionAggregate dividends declared during the period for each share of common stock outstanding. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480008/505-10-S99-1> + Details Name: us-gaap_CommonStockDividendsPerShareDeclared Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration XML 66 R55.htm IDEA: XBRL DOCUMENT v3.25.0.1 Note M - Other Comprehensive Income - Summary of Other Comprehensive Loss (Details) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Dec. 31, 2024 Dec. 31, 2023 Dec. 31, 2024 Dec. 31, 2023 Cash flow hedges, before tax Å Å \$ 418 Cash flow hedges, tax Å Å Å (101) Cash flow hedges \$ 0 \$ 0 \$ 0 317 Other comprehensive income (loss), before tax Å Å Å 418 Other comprehensive income (loss), tax Å Å Å (101) Other Comprehensive Income (Loss) \$ 0 \$ 0 \$ 0 \$ 317 X - DefinitionAmount before tax of other comprehensive income (loss) attributable to parent entity. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-19>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Subparagraph (c)(3) -SubTopic 10 -Topic 810 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1A> + Details Name: us-gaap_OtherComprehensiveIncomeLossBeforeTaxPortionAttributableToParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax and after reclassification, of gain (loss) from derivative instrument designated and qualifying cash flow hedge included in assessment of hedge effectiveness, attributable to parent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-11> + Details Name: us-gaap_OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationAndTaxParent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, before tax and after reclassification, of gain (loss) from derivative instrument designated and qualifying cash flow hedge included in assessment of hedge effectiveness, attributable to parent. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI

<http://www.friedmanindustries.com/20241231/role/statement-note-e-leases> 25 false false R26.htm 995470 - Disclosure - Note G - Stock Based Compensation (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-tables> Note G - Stock Based Compensation (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation> 26 false false R27.htm 995471 - Disclosure - Note H - Derivative Financial Instruments (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables> Note H - Derivative Financial Instruments (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments> 27 false false R28.htm 995472 - Disclosure - Note I - Fair Value Measurements (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-tables> Note I - Fair Value Measurements (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements> 28 false false R29.htm 995473 - Disclosure - Note J - Industry Segment Data (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-tables> Note J - Industry Segment Data (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data> 29 false false R30.htm 995474 - Disclosure - Note K - Revenue (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-tables> Note K - Revenue (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue> 30 false false R31.htm 995475 - Disclosure - Note L - Stockholders' Equity (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-tables> Note L - Stockholders' Equity (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity> 31 false false R32.htm 995476 - Disclosure - Note M - Other Comprehensive Income (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income-tables> Note M - Other Comprehensive Income (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income> 32 false false R33.htm 995477 - Disclosure - Note N - Earnings Per Share (Tables) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-tables> Note N - Earnings Per Share (Tables) Tables <http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share> 33 false false R34.htm 995478 - Disclosure - Note C - Inventories (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-details-textual> Note C - Inventories (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-tables> 34 false false R35.htm 995479 - Disclosure - Note C - Inventories - Schedule of Inventory (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details> Note C - Inventories - Schedule of Inventory (Details) Details 35 false false R36.htm 995480 - Disclosure - Note D - Debt (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual> Note D - Debt (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-d-debt> 36 false false R37.htm 995481 - Disclosure - Note E - Leases (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual> Note E - Leases (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-tables> 37 false false R38.htm 995482 - Disclosure - Note E - Leases - Lease Cost (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-lease-cost-details> Note E - Leases - Lease Cost (Details) Details 38 false false R39.htm 995483 - Disclosure - Note E - Leases - Balance Sheet Information (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details> Note E - Leases - Balance Sheet Information (Details) Details 39 false false R40.htm 995484 - Disclosure - Note E - Leases - Maturities of Operating and Finance Lease (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-maturities-of-operating-and-finance-lease-details> Note E - Leases - Maturities of Operating and Finance Lease (Details) Details 40 false false R41.htm 995485 - Disclosure - Note F - Property, Plant and Equipment (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-details-textual> Note F - Property, Plant and Equipment (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment> 41 false false R42.htm 995486 - Disclosure - Note G - Stock Based Compensation (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual> Note G - Stock Based Compensation (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-tables> 42 false false R43.htm 995487 - Disclosure - Note G - Stock Based Compensation - Restricted Stock Activity (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details> Note G - Stock Based Compensation - Restricted Stock Activity (Details) Details 43 false false R44.htm 995488 - Disclosure - Note H - Derivative Financial Instruments (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual> Note H - Derivative Financial Instruments (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables> 44 false false R45.htm 995489 - Disclosure - Note H - Derivative Financial Instruments - Net Fair Value of Derivative Financial Instruments (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details> Note H - Derivative Financial Instruments - Net Fair Value of Derivative Financial Instruments (Details) Details 45 false false R46.htm 995490 - Disclosure - Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Other Comprehensive Income (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details> Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Other Comprehensive Income (Details) Details <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables> 46 false false R47.htm 995491 - Disclosure - Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Earnings for Derivative Instruments (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-earnings-for-derivative-instruments-details> Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Earnings for Derivative Instruments (Details) Details <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables> 47 false false R48.htm 995492 - Disclosure - Note H - Derivative Financial Instruments - Change in Accumulated Other Comprehensive Income (Loss), Net of Tax (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-change-in-accumulated-other-comprehensive-income-loss-net-of-tax-details> Note H - Derivative Financial Instruments - Change in Accumulated Other Comprehensive Income (Loss), Net of Tax (Details) Details 48 false false R49.htm 995493 - Disclosure - Note I - Fair Value Measurements - Recurring Fair Value Measurements (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details> Note I - Fair Value Measurements - Recurring Fair Value Measurements (Details) Details 49 false false R50.htm 995494 - Disclosure - Note J - Industry Segment Data - Segment Information (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details> Note J - Industry Segment Data - Segment Information (Details) Details 50 false false R51.htm 995495 - Disclosure - Note K - Revenue (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-details-textual> Note K - Revenue (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-tables> 51 false false R52.htm 995496 - Disclosure - Note K - Revenue - Disaggregation of Revenue (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details> Note K - Revenue - Disaggregation of Revenue (Details) Details 52 false false R53.htm 995497 - Disclosure - Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details> Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) Details 53 false false R54.htm 995498 - Disclosure - Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) (Parentheticals) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details-parentheticals> Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) (Parentheticals) Details 54 false false R55.htm 995499 - Disclosure - Note M - Other Comprehensive Income - Summary of Other Comprehensive Loss (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income-summary-of-other-comprehensive-loss-details> Note M - Other Comprehensive Income - Summary of Other Comprehensive Loss (Details) Details 55 false false R56.htm 995500 - Disclosure - Note N - Earnings Per Share - Computation of Basic and Diluted Earnings Per Share (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-computation-of-basic-and-diluted-earnings-per-share-details> Note N - Earnings Per Share - Computation of Basic and Diluted Earnings Per Share (Details) Details 56 false false R57.htm 995501 - Disclosure - Note N - Earnings Per Share - Restricted Stock Units (Details) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-restricted-stock-units-details> Note N - Earnings Per Share - Restricted Stock Units (Details) Details 57 false false R58.htm 995502 - Disclosure - Note O - Supplemental Cash Flow Information (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-o-supplemental-cash-flow-information-details-textual> Note O - Supplemental Cash Flow Information (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-o-supplemental-cash-flow-information> 58 false false R59.htm 995503 - Disclosure - Note P - Income Taxes (Details Textual) Sheet <http://www.friedmanindustries.com/20241231/role/statement-note-p-income-taxes-details-textual> Note P - Income Taxes (Details Textual) Details <http://www.friedmanindustries.com/20241231/role/statement-note-p-income-taxes> 59 false false All Reports Book All Reports frd-20241231.xsd frd-20241231_cal.xml frd-20241231_def.xml frd-20241231_lab.xml frd-20241231_pre.xml frd-20241231_10q.htm <http://fasb.org/us-gaap/2024> <http://xbrl.sec.gov/dei/2024> <http://xbrl.sec.gov/ecd/2024> true true JSON 78 MetaLinks.json IDEA: XBRL DOCUMENT { "version": "2.2", "instance": { "frd20241231_10q.htm": { "nsprefix": "frd", "nsuri": "http://www.friedmanindustries.com/20241231", "dts": { "schema": { "local": ["frd-20241231.xsd"], "remote": ["http://www.xbrl.org/2003/xbrl-instance-2003-12-31.xsd", "http://www.xbrl.org/2003/xbrl-linkbase-2003-12-31.xsd", "http://www.xbrl.org/2003/xl-2003-12-31.xsd", "http://www.xbrl.org/2003/xlink-2003-12-31.xsd", "http://www.xbrl.org/2005/xbrldt-2005.xsd", "http://www.xbrl.org/2006/ref-2006-02-27.xsd", "http://www.xbrl.org/lrr/role/negated-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/net-2009-12-16.xsd", "http://www.xbrl.org/lrr/role/reference-2009-12-16.xsd", "https://www.xbrl.org/2020/extensible-enumerations-2.0.xsd", "https://www.xbrl.org/dtr/type/2020-01-21/types.xsd", "https://www.xbrl.org/dtr/type/2022-03-31/types.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-roles-2024.xsd", "https://xbrl.fasb.org/srt/2024/elts/srt-types-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-gaap-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-roles-2024.xsd", "https://xbrl.fasb.org/us-gaap/2024/elts/us-types-2024.xsd", "https://xbrl.sec.gov/country/2024/country-2024.xsd", "https://xbrl.sec.gov/currency/2024/currency-2024.xsd", "https://xbrl.sec.gov/dei/2024/dei-2024.xsd", "https://xbrl.sec.gov/ecd/2024/ecd-2024.xsd", "https://xbrl.sec.gov/exch/2024/exch-2024.xsd", "https://xbrl.sec.gov/naics/2024/naics-2024.xsd", "https://xbrl.sec.gov/sic/2024/sic-2024.xsd", "https://xbrl.sec.gov/stpr/2024/stpr-2024.xsd"] }, "calculationLink": { "local": ["frd-20241231_cal.xml"] }, "definitionLink": { "local": ["frd-20241231_def.xml"] }, "labelLink": { "local": ["frd-20241231_lab.xml"] }, "presentationLink": { "local": ["frd-20241231_pre.xml"] }, "inline": { "local": ["frd20241231_10q.htm"] } } }, "keyStandard": 208, "keyCustom": 18, "axisStandard": 20, "axisCustom": 0, "memberStandard": 22, "memberCustom": 20, "hidden": { "total": 31, "http://fasb.org/us-gaap/2024": 19, "http://www.friedmanindustries.com/20241231": 2, "http://xbrl.sec.gov/dei/2024": 6, "http://xbrl.sec.gov/ecd/2024": 4 }, "contextCount": 196, "entityCount": 1, "segmentCount": 42, "elementCount": 366, "unitCount": 8, "baseTaxonomies": { "http://fasb.org/us-gaap/2024": 675, "http://xbrl.sec.gov/dei/2024": 29, "http://xbrl.sec.gov/ecd/2024": 4 }, "report": { "R1": { "role": "http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "longName": "000 - 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Disclosure - Note F - Property, Plant and Equipment (Details Textual)", "shortName": "Note F - Property, Plant and Equipment (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "41", "firstAnchor": { "contextRef": "i_2024-12-31", "name": "us-gaap:ConstructionInProgressGross", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "uniqueAnchor": { "contextRef": "i_2024-08-31_PropertyPlantAndEquipmentByTypeAxis-UpgradeOfDecaturAlProcessingLineMember", "name": "us-gaap:ConstructionInProgressGross", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-5", "ancestors": ["p", "us-gaap:PropertyPlantAndEquipmentDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "unique": true } }, "R42": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual", "longName": "995486 - 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Disclosure - Note H - Derivative Financial Instruments (Details Textual)", "shortName": "Note H - Derivative Financial Instruments (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "44", "firstAnchor": { "contextRef": "i_2024-12-31_BalanceSheetLocationAxis-OtherCurrentAssetsMember", "name": "us-gaap:DerivativeCollateralRightToReclaimCash", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-5", "ancestors": ["p", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "i_2024-12-31_BalanceSheetLocationAxis-OtherCurrentAssetsMember", "name": "us-gaap:DerivativeCollateralRightToReclaimCash", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-5", "ancestors": ["p", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true } }, "R45": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details", "longName": "995489 - Disclosure - Note H - Derivative Financial Instruments - Net Fair Value of Derivative Financial Instruments (Details)", "shortName": "Note H - Derivative Financial Instruments - Net Fair Value of Derivative Financial Instruments (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "45", "firstAnchor": { "contextRef": "i_2024-12-31", "name": "us-gaap:DerivativeAssetsCurrent", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "uniqueAnchor": { "contextRef": "i_2024-12-31_DerivativeInstrumentRiskAxis-HotrolledCoilFutureContractsMember_HedgingDesignationAxis-NondesignatedMember_PositionAxis-ShortMember", "name": "us-gaap:DerivativeAssetsCurrent", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfDerivativeInstrumentsTextBlock", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "unique": true } }, "R46": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details", "longName": "995490 - Disclosure - Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Other Comprehensive Income (Details)", "shortName": "Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Other Comprehensive Income (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "46", "firstAnchor": { "contextRef": "d_2023-04-01_2023-12-31", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "d_2023-04-01_2023-12-31", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossBeforeReclassificationAndTax", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "us-gaap:DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true } }, "R47": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-earnings-for-derivative-instruments-details", "longName": "995491 - Disclosure - Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Earnings for Derivative Instruments (Details)", "shortName": "Note H - Derivative Financial Instruments - Gain (Loss) Recognized in Earnings for Derivative Instruments (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "47", "firstAnchor": { "contextRef": "d_2024-04-01_2024-12-31", "name": "us-gaap:DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-4", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "uniqueAnchor": { "contextRef": "d_2024-10-01_2024-12-31_DerivativeInstrumentRiskAxis-HotrolledCoilSteelContractsMember_IncomeStatementLocationAxis-NonoperatingIncomeExpenseMember", "name": "us-gaap:DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfDerivativeInstrumentsGainLossInStatementOfFinancialPerformanceTextBlock", "us-

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Disclosure - Note K - Revenue (Details Textual)", "shortName": "Note K - Revenue (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "51", "firstAnchor": null, "uniqueAnchor": null }, "R52": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-l-revenue-disaggregation-of-revenue-details", "longName": "995496 - Disclosure - Note K - Revenue - Disaggregation of Revenue (Details)", "shortName": "Note K - Revenue - Disaggregation of Revenue (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "52", "firstAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:RevenueFromContractWithCustomerIncludingAssessedTax", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true }, "uniqueAnchor": { "contextRef": "d 2024-10-01 2024-12-31 ProductOrServiceAxis-PrimeCoilMember_StatementBusinessSegmentsAxis-FlatrollMember", "name": "us-gaap:RevenueFromContractWithCustomerIncludingAssessedTax", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:DisaggregationOfRevenueTableTextBlock", "us-gaap:RevenueFromContractWithCustomerTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "unique": true } }, "R53": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details", "longName": "995497 - Disclosure - Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details)", "shortName": "Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "53", "firstAnchor": { "contextRef": "i 2024-09-30", "name": "us-gaap:StockholdersEquity", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfStockholdersEquityTableTextBlock", "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true }, "uniqueAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:AdjustmentsToAdditionalPaidInCapitalShareBasedCompensationRestrictedStockUnitsRequisiteServicePeriodRecognition", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfStockholdersEquityTableTextBlock", "us-gaap:StockholdersEquityNoteDisclosureTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "unique": true } }, "R54": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details-parenteticals", "longName": "995498 - Disclosure - Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) (Parentheticals)", "shortName": "Note L - Stockholders' Equity - Schedule of Stockholders' Equity (Details) (Parentheticals)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "parenthetical", "menuCat": "Details", "order": "54", "firstAnchor": { "contextRef": "d 2024-04-01 2024-12-31", "name": "us-gaap:CommonStockDividendsPerShareDeclared", "unitRef": "USDPerShare", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true }, "uniqueAnchor": null }, "R55": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income-summary-of-other-comprehensive-loss-details", "longName": "995499 - Disclosure - Note M - Other Comprehensive Income - Summary of Other Comprehensive Loss (Details)", "shortName": "Note M - Other Comprehensive Income - Summary of Other Comprehensive Loss (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "55", "firstAnchor": { "contextRef": "d 2023-04-01 2023-12-31", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationBeforeTaxParent", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfComprehensiveIncomeLossTableTextBlock", "us-gaap:ComprehensiveIncomeNoteTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "d 2023-04-01 2023-12-31", "name": "us-gaap:OtherComprehensiveIncomeLossCashFlowHedgeGainLossAfterReclassificationBeforeTaxParent", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfComprehensiveIncomeLossTableTextBlock", "us-gaap:ComprehensiveIncomeNoteTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true } }, "R56": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-computation-of-basic-and-diluted-earnings-per-share-details", "longName": "995500 - Disclosure - Note N - Earnings Per Share - Computation of Basic and Diluted Earnings Per Share (Details)", "shortName": "Note N - Earnings Per Share - Computation of Basic and Diluted Earnings Per Share (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "56", "firstAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:NetIncomeLoss", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true }, "uniqueAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:AmountOfDilutiveSecuritiesStockOptionsAndRestrictiveStockUnits", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-3", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "us-gaap:EarningsPerShareTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "unique": true } }, "R57": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-restricted-stock-units-details", "longName": "995501 - Disclosure - Note N - Earnings Per Share - Restricted Stock Units (Details)", "shortName": "Note N - Earnings Per Share - Restricted Stock Units (Details)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "57", "firstAnchor": { "contextRef": "d 2024-10-01 2024-12-31 AwardTypeAxis-RestrictedStockUnitsRSUMember", "name": "us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "unitRef": "Share", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "us-gaap:EarningsPerShareTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "d 2024-10-01 2024-12-31 AwardTypeAxis-RestrictedStockUnitsRSUMember", "name": "us-gaap:AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "unitRef": "Share", "xsiNil": "false", "lang": null, "decimals": "INF", "ancestors": ["td", "tr", "tbody", "table", "us-gaap:ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "us-gaap:EarningsPerShareTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true } }, "R58": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-o-supplemental-cash-flow-information-details-textual", "longName": "995502 - Disclosure - Note O - Supplemental Cash Flow Information (Details Textual)", "shortName": "Note O - Supplemental Cash Flow Information (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "58", "firstAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:IncomeTaxesPaidNet", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-5", "ancestors": ["p", "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true }, "uniqueAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:IncomeTaxesPaidNet", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-5", "ancestors": ["p", "us-gaap:CashFlowSupplementalDisclosuresTextBlock", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true, "unique": true } }, "R59": { "role": "http://www.friedmanindustries.com/20241231/role/statement-note-p-income-taxes-details-textual", "longName": "995503 - Disclosure - Note P - Income Taxes (Details Textual)", "shortName": "Note P - Income Taxes (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "59", "firstAnchor": { "contextRef": "d 2024-10-01 2024-12-31", "name": "us-gaap:IncomeTaxExpenseBenefit", "unitRef": "USD", "xsiNil": "false", "lang": null, "decimals": "-5", "ancestors": ["td", "tr", "tbody", "table", "div", "body", "html"], "reportCount": 1, "baseRef": "frd20241231_10q.htm", "first": true }, "uniqueAnchor": null }, "tag": { "frd ABLFacilityMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "ABLFacilityMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "ABLFacility [Member]", "documentation": "Represents the asset-based revolving loans facility." } } }, "auth_ref": [] }, "us-gaap_AccountsPayableAndAccruedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableAndAccruedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 4.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "verboseLabel": "Accounts payable and accrued expenses", "label": "us-gaap_AccountsPayableAndAccruedLiabilitiesCurrent", "documentation": "Sum of the carrying values as of the balance sheet date of obligations incurred through that date and due within one year (or the operating cycle, if longer), including liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received, taxes, interest, rent and utilities, accrued salaries and bonuses, payroll taxes and fringe benefits." } } }, "auth_ref": ["r53", "r54"] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "calculation": {

"http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 0.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Accounts receivable, net of allowances for credit losses and cash discounts of \$145 and \$97 at December 31, and March 31, 2024, respectively", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": ["r665"] }, "us-gaap_AccruedIncomeTaxesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedIncomeTaxesCurrent", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 5.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Income taxes payable", "documentation": "Carrying amount as of the balance sheet date of the unpaid sum of the known and estimated amounts payable to satisfy all currently due domestic and foreign income tax obligations." } } }, "auth_ref": ["r54", "r101"] }, "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": -1.0, "order": 4.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "negatedLabel": "Less accumulated depreciation", "documentation": "Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services." } } }, "auth_ref": ["r28", "r126", "r469"] }, "us-gaap_AccumulatedGainLossNetCashFlowHedgeParentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedGainLossNetCashFlowHedgeParentMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-change-in-accumulated-other-comprehensive-income-loss-net-of-tax-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables"], "lang": { "en-us": { "role": { "label": "Accumulated Gain (Loss), Net, Cash Flow Hedge, Parent [Member]", "documentation": "Accumulated other comprehensive income (loss) from gain (loss) of derivative instrument designated and qualifying as cash flow hedge included in assessment of hedge effectiveness, attributable to parent." } } }, "auth_ref": ["r138", "r146", "r147", "r379", "r589", "r647"] }, "us-gaap_AccumulatedOtherComprehensiveIncomeMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedOtherComprehensiveIncomeMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details"], "lang": { "en-us": { "role": { "label": "AOCI Attributable to Parent [Member]", "documentation": "Accumulated increase (decrease) in equity from transactions and other events and circumstances from non-owner sources, attributable to the parent. Excludes net income (loss), and accumulated changes in equity from transactions resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r1", "r8", "r17", "r388", "r391", "r447", "r498", "r499", "r647", "r648", "r649", "r653", "r654", "r655", "r656"] }, "us-gaap_AdditionalPaidInCapitalCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalCommonStock", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Additional paid-in capital", "documentation": "Value received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital." } } }, "auth_ref": ["r62"] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details"], "lang": { "en-us": { "role": { "label": "Additional Paid-in Capital [Member]", "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": ["r511", "r653", "r654", "r655", "r656", "r702", "r762"] }, "us-gaap_AdjustmentsNoncashItemsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsNoncashItemsToReconcileNetIncomeLossToCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "Adjustments to reconcile net earnings to cash provided by operating activities." } } }, "auth_ref": [] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalShareBasedCompensationRestrictedStockUnitsRequisiteServicePeriodRecognition": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalShareBasedCompensationRestrictedStockUnitsRequisiteServicePeriodRecognition", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details"], "lang": { "en-us": { "role": { "label": "Paid in capital \u2013 restricted stock units", "documentation": "Amount of increase to additional paid-in capital (APIC) for recognition of cost for restricted stock unit under share-based payment arrangement." } } }, "auth_ref": [] }, "frd_AdministrativeOfficeSpaceInWoodlandsTexasMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "AdministrativeOfficeSpaceInWoodlandsTexasMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual"], "lang": { "en-us": { "role": { "label": "Administrative Office Space in Woodlands, Texas [Member]", "documentation": "Relating to administrative office in Woodlands, Texas." } } }, "auth_ref": [] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_AllocatedShareBasedCompensationExpense", "terseLabel": "Share-Based Payment Arrangement, Expense", "documentation": "Amount of expense for award under share-based payment arrangement. Excludes amount capitalized." } } }, "auth_ref": ["r342", "r347"] }, "frd_AllowanceForDoubtfulAccountsReceivableAndCashDiscountsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "AllowanceForDoubtfulAccountsReceivableAndCashDiscountsCurrent", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited-parenteticals"], "lang": { "en-us": { "role": { "label": "Allowances for bad debts and cash discounts", "documentation": "For an unclassified balance sheet, a valuation allowance for receivables due a company that are expected to be uncollectible and for discounts provided for cash payments." } } }, "auth_ref": [] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": 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share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented." } } }, "auth_ref": ["r189"] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details"], "lang": { "en-us": { "role": { "label": "Identifiable assets", "totalLabel": "TOTAL ASSETS", "documentation": "Amount of asset recognized for present right 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"r157", "r231", "r261", "r262", "r264", "r265", "r266", "r267", "r268", "r270", "r271", "r377", "r380", "r420", "r617", "r671", "r672", "r725"] }, "us-gaap_AssetsCurrentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrentAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "CURRENT ASSETS" } } }, "auth_ref": [] }, "us-gaap_AwardTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardTypeAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details", "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-restricted-stock-units-details"], "lang": { "en-us": { "role": { "label": "Award Type [Axis]", "documentation": "Information by type of award under share-based payment arrangement." } } }, "auth_ref": ["r316", "r317", "r318", "r319", "r320", "r321", "r322", "r323", "r324", "r325", "r326", "r327", "r328", "r329", "r330", "r331", "r332", "r333", "r334", "r335", "r336", "r337", "r338", "r339", "r340", "r341"] },

"us-gaap_BalanceSheetLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual"], "lang": { "en-us": { "role": { "label": "Statement of Financial Position Location, Balance [Axis]", "documentation": "Information by location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": ["r255", "r729", "r730"] }, "us-gaap_BalanceSheetLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual"], "lang": { "en-us": { "role": { "label": "Statement of Financial Position Location, Balance [Domain]", "documentation": "Location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": ["r40", "r43", "r255", "r729", "r730"] }, "us-gaap_BuildingsAndImprovementsGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BuildingsAndImprovementsGross", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": 1.0, "order": 0.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Buildings and yard improvements", "documentation": "Amount before accumulated depreciation of building structures held for productive use including addition, improvement, or renovation to the structure, including, but not limited to, interior masonry, interior flooring, electrical, and plumbing." } } }, "auth_ref": ["r90"] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 1.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Cash", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": ["r20", "r125", "r585"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations", "crdr": "debit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations", "periodStartLabel": "CASH AND RESTRICTED CASH AT BEGINNING OF PERIOD", "periodEndLabel": "CASH AND RESTRICTED CASH AT END OF PERIOD", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r20", "r85", "r154"] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "totalLabel": "INCREASE (DECREASE) IN CASH AND RESTRICTED CASH", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": ["r0", "r85"] }, "us-gaap_CashFlowSupplementalDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashFlowSupplementalDisclosuresTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-o-supplemental-cash-flow-information"], "lang": { "en-us": { "role": { "label": "Cash Flow, Supplemental Disclosures [Text Block]", "documentation": "The entire disclosure for supplemental cash flow activities, including cash, noncash, and part noncash transactions, for the period. Noncash is defined as information about all investing and financing activities of an enterprise during a period that affect recognized assets or liabilities but that do not result in cash receipts or cash payments in the period. \"Part noncash\" refers to that portion of the transaction not resulting in cash receipts or cash payments in the period." } } }, "auth_ref": ["r79"] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingencies", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_LiabilitiesAndStockholdersEquity", "weight": 1.0, "order": 1.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "COMMITMENTS AND CONTINGENCIES", "documentation": "Represents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": ["r59", "r103", "r465", "r529"] }, "us-gaap_CommonStockDividendsPerShareDeclared": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockDividendsPerShareDeclared", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details-parentheticals"], "lang": { "en-us": { "role": { "verboseLabel": "Cash dividends, per share (in dollars per share)", "label": "Cash dividends declared per common share (in dollars per share)", "documentation": "Aggregate dividends declared during the period for each share of common stock outstanding." } } }, "auth_ref": ["r93"] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details"], "lang": { "en-us": { "role": { "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": ["r624", "r625", "r626", "r628", "r629", "r630", "r631", "r653", "r654", "r656", "r702", "r760", "r762"] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited-parentheticals"], "lang": { "en-us": { "role": { "label": "Common stock, par value (in dollars per share)", "documentation": "Face amount or stated value per share of common stock." } } }, "auth_ref": ["r61"] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited-parentheticals"], "lang": { "en-us": { "role": { "label": "Common stock, shares authorized (in shares)", "documentation": "The maximum number of common shares permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": ["r61", "r530"] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited-parentheticals"], "lang": { "en-us": { "role": { "label": "Common stock, shares issued (in shares)", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": ["r61"] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 0.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Common stock, par value \$1: Authorized shares \u2014 10,000,000; Issued shares \u2014 8,873,203 shares at December 31, and March 31, 2024", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": ["r61", "r466", "r617"] }, "us-gaap_ComprehensiveIncomeNetOfTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNetOfTax", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_ComprehensiveIncomeNetOfTax", "totalLabel": "Comprehensive income (loss)", "documentation": "Amount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners." } } }, "auth_ref": ["r18", "r142", "r144", "r149", "r459", "r474", "r475"] }, "us-gaap_ComprehensiveIncomeNoteTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ComprehensiveIncomeNoteTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income"], "lang": { "en-us": { "role": { "label": "Comprehensive Income (Loss) Note [Text Block]", "documentation": "The entire disclosure for comprehensive income, which includes, but is not limited to, 1) the amount of income tax expense or benefit allocated to each component of other comprehensive income, including reclassification adjustments, 2) the reclassification adjustments for each classification of other comprehensive income and 3) the ending accumulated balances for each component of comprehensive income." } } }, "auth_ref": ["r70", "r148", "r458", "r473"] }, "srt_ConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": [

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Includes recently completed structures or modifications to structures that have not been placed into service." } } }, "auth_ref": ["r90"] }, "us-gaap_CorporateNonSegmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateNonSegmentMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details"], "lang": { "en-us": { "role": { "label": "Segment Reporting, Reconciling Item, Corporate Nonsegment [Member]", "documentation": "Corporate headquarters or functional department that may not earn revenues or may earn revenues that are only incidental to the activities of the entity and is not considered an operating segment." } } }, "auth_ref": ["r11", "r217", "r218", "r219", "r220", "r223", "r661"] }, "us-gaap_CostOfGoodsAndServicesSold": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServicesSold", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_CostsAndExpenses", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Cost of goods and services sold", "documentation": "The aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities." } } }, "auth_ref": ["r73", "r74", "r453"] }, "us-gaap_CostsAndExpenses": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostsAndExpenses", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": -1.0, "order": 2.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_CostsAndExpenses", "totalLabel": "Costs and Expenses", "documentation": "Total costs of sales and operating expenses for the period." } } }, "auth_ref": ["r78"] }, "us-gaap_CostsAndExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostsAndExpensesAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "Credit Facility [Axis]", "documentation": "Information by type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r260", "r669"] }, "us-gaap_CreditFacilityDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "Credit Facility [Domain]", "documentation": "Type of credit facility. Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r260", "r669", "r670"] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] }, "us-gaap_CurrentIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CurrentIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Current", "documentation": "Amount of current income tax expense (benefit) pertaining to taxable income (loss) from continuing operations." } } }, "auth_ref": ["r360", "r652"] }, "frd_CustomerOwnedMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "CustomerOwnedMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Customer Owned [Member]", "documentation": "Information pertaining to customer owned coil." } } }, "auth_ref": [] }, "us-gaap_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtDisclosureTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "Debt Disclosure [Text Block]", "documentation": "The entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants." } } }, "auth_ref": ["r91", "r155", "r250", "r251", "r252", "r253", "r254", "r259", "r260", "r272", "r273", "r274", "r275", "r276", "r277", "r278", "r280", "r281", "r282", "r283", "r429"] }, "us-gaap_DebtInstrumentBasisSpreadOnVariableRate1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DebtInstrumentBasisSpreadOnVariableRate1", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_DebtInstrumentBasisSpreadOnVariableRate1", "terseLabel": "Debt Instrument, Basis Spread on Variable Rate", "documentation": "Percentage points added to the reference rate to compute the variable rate on the debt instrument." } } }, "auth_ref": [] }, "frd_DebtInstrumentCovenantAvailabilityRemainingBeforeTestingPercentage": { "xbrltype": "percentItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "DebtInstrumentCovenantAvailabilityRemainingBeforeTestingPercentage", "presentation": 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Includes, but is not limited to, legal, accounting, underwriting, printing, and registration costs." } } }, "auth_ref": ["r720", "r721"] }, "us-gaap_DeferredIncomeTaxExpenseBenefit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxExpenseBenefit", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_IncomeTaxExpenseBenefit", "weight": 1.0, "order": 0.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 12.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Deferred", "terseLabel": "Deferred taxes", "documentation": "Amount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations." } } }, "auth_ref": ["r6", "r115", "r652"] }, "us-gaap_DeferredIncomeTaxLiabilitiesNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DeferredIncomeTaxLiabilitiesNet", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_Liabilities", "weight": 1.0, "order": 3.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "DEFERRED INCOME TAX LIABILITY", "documentation": "Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences with jurisdictional netting." } } }, "auth_ref": ["r349", "r350", "r464"] }, "frd_DeliveryExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "DeliveryExpenseMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Delivery Expense [Member]", "documentation": "Represents information pertaining to delivery expenses." } } }, "auth_ref": [] }, "us-gaap_DepreciationAndAmortization": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DepreciationAndAmortization", "crdr":

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Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r132"] }, "us-gaap_DerivativeCollateralRightToReclaimCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeCollateralRightToReclaimCash", "crdr": "debit", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual" }, "lang": { "en-us": { "role": { "label": "us-gaap_DerivativeCollateralRightToReclaimCash", "terseLabel": "Derivative Liability, Subject to Master Netting Arrangement, Collateral, Right to Reclaim Cash Not Offset", "documentation": "Amount of right to receive cash collateral under master netting arrangements that have not been offset against derivative liabilities." } } }, "auth_ref": ["r13", "r49", "r133", "r587"] }, "us-gaap_DerivativeContractTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", 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"r562", "r563", "r564", "r565", "r573", "r574", "r578", "r580", "r624", "r626", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r715"] }, "us-gaap_DerivativeGainLossOnDerivativeNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeGainLossOnDerivativeNet", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 3.0 } }, "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details" }, "lang": { "en-us": { "role": { "label": "Gain (loss) on economic hedges of risk", "documentation": "Amount of increase 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"r537", "r538", "r539", "r540", "r541", "r543", "r544", "r545", "r546", "r556", "r557", "r558", "r559", "r562", "r563", "r564", "r565", "r573", "r574", "r578", "r580", "r588", "r624", "r626", "r708", "r709", "r710", "r711", "r712", "r713", "r714", "r715"] }, "us-gaap_DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsAndHedgingActivitiesDisclosureTextBlock", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments" }, "lang": { "en-us": { "role": { "label": "Derivative Instruments and Hedging Activities Disclosure [Text Block]", "documentation": "The entire disclosure for derivative instruments and hedging activities including, but not limited to, risk management strategies, non-hedging derivative instruments, assets, liabilities, revenue and expenses, and methodologies and assumptions used in determining the amounts." } } }, "auth_ref": ["r97", "r385", "r394"] }, "us-gaap_DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeInstrumentsNotDesignatedAsHedgingInstrumentsGainLossNet", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 7.0 } }, "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-earnings-for-derivative-instruments-details" }, "lang": { "en-us": { "role": { "label": "Hot-rolled coil steel contracts", "negatedLabel": "Gain recognized on open derivatives not 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Includes liabilities not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r132", "r134", "r401", "r402", "r412", "r419", "r513", "r514", "r515", "r516", "r517", "r518", "r519", "r520", "r521", "r543", "r545", "r546", "r574", "r575", "r576", "r578", "r579", "r580", "r581", "r588", "r705", "r706", "r707", "r761"] }, "us-gaap_DerivativeLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details" }, "lang": { "en-us": { "role": { "verboseLabel": "Derivative liability", "label": "Current portion of derivative liability", "documentation": "Fair value, after the effects of master netting arrangements, of a financial liability or contract with one or more underlyings, notional amount or payment provision or both, and the contract can be net settled by means outside the contract or delivery of an asset, expected to be settled within one year or normal operating cycle, if longer. Includes assets not subject to a master netting arrangement and not elected to be offset." } } }, "auth_ref": ["r132"] }, "us-gaap_DerivativeNonmonetaryNotionalAmountMass": { "xbrltype": "massItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DerivativeNonmonetaryNotionalAmountMass", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual" }, "lang": { "en-us": { "role": { "label": "us-gaap_DerivativeNonmonetaryNotionalAmountMass", "terseLabel": "Derivative, Nonmonetary Notional Amount, Mass (US Ton)", "documentation": "Nominal mass used to calculate payments on a derivative instrument." } } }, "auth_ref": [] }, "us-gaap_DesignatedAsHedgingInstrumentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DesignatedAsHedgingInstrumentMember", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details" }, "lang": { "en-us": { "role": { "label": "Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": ["r10"] }, "us-gaap_DisaggregationOfRevenueTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisaggregationOfRevenueTableTextBlock", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-tables" }, "lang": { "en-us": { "role": { "label": "Disaggregation of Revenue [Table Text Block]", "documentation": "Tabular disclosure of disaggregation of revenue into categories depicting how nature, amount, timing, and uncertainty of revenue and cash flows are affected by economic factor." } } }, "auth_ref": ["r673"] }, "us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation" }, "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement [Text Block]", "documentation": "The entire disclosure for share-based payment arrangement." } } }, "auth_ref": ["r314", "r315", "r343", "r344", "r346", "r609"] }, "us-gaap_DisclosureTextBlockAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DisclosureTextBlockAbstract", "presentation": { "http://www.friedmanindustries.com/20241231/role/statement-note-a-basis-of-presentation", "http://www.friedmanindustries.com/20241231/role/statement-note-b-new-accounting-pronouncements", "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity", "http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income", "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share", "http://www.friedmanindustries.com/20241231/role/statement-note-o-supplemental-cash-flow-information",

"http://www.friedmanindustries.com/20241231/role/statement-note-p-income-taxes-", "lang": { "en-us": { "role": { "label": "us-gaap_DisclosureTextBlockAbstract", "terseLabel": "Notes to Financial Statements" } } }, "auth_ref": [] }, "us-gaap_DividendsCommonStockCash": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsCommonStockCash", "crdr": "debit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details-", "lang": { "en-us": { "role": { "label": "us-gaap_DividendsCommonStockCash", "negatedLabel": "Cash dividends", "documentation": "Amount of paid and unpaid common stock dividends declared with the form of settlement in cash." } } }, "auth_ref": ["r93"] }, "us-gaap_DividendsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "DividendsPayableCurrent", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Dividends payable", "documentation": "Carrying value as of the balance sheet date of dividends declared but unpaid on equity securities issued by the entity and outstanding. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r54"] }, "dei_DocumentFiscalPeriodFocus": { "xbrltype": "fiscalPeriodItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalPeriodFocus", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Document Fiscal Period Focus", "documentation": "Fiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY." } } }, "auth_ref": [] }, "dei_DocumentFiscalYearFocus": { "xbrltype": "gYearItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "DocumentFiscalYearFocus", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Document Information [Line Items]", "documentation": "Line items represent financial concepts included in a table. 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Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": ["r54"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized", "crdr": "debit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual", "lang": { "en-us": { "role": { "label": "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual", "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount", "documentation": "Amount of cost not yet recognized for nonvested award under share-based payment arrangement." } } }, "auth_ref": ["r345"] }, "us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressAddressLine1", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Address, Address Line One", "documentation": "Address Line 1 such as Attn, Building Name, Street Name" } } }, "auth_ref": [] }, "dei_EntityAddressCityOrTown": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressCityOrTown", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Address, City or Town", "documentation": "Name of the City or Town" } } }, "auth_ref": [] }, "dei_EntityAddressPostalZipCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressPostalZipCode", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Address, Postal Zip Code", "documentation": "Code for the postal or zip code" } } }, "auth_ref": [] }, "dei_EntityAddressStateOrProvince": { "xbrltype": "stateOrProvinceItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityAddressStateOrProvince", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Address, State or Province", "documentation": "Name of the state or province." } } }, "auth_ref": [] }, "dei_EntityCentralIndexKey": { "xbrltype": "centralIndexKeyItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCentralIndexKey", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Central Index Key", "documentation": "A unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK." } } }, "auth_ref": ["r635"] }, "dei_EntityCommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCommonStockSharesOutstanding", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Common Stock, Shares Outstanding", "documentation": "Indicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument." } } }, "auth_ref": [] }, "dei_EntityCurrentReportingStatus": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityCurrentReportingStatus", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "lang": { "en-us": { "role": { "label": "Entity Current Reporting Status", "documentation": "Indicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": [] }, "dei_EntityDomain": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited-parentheticals",

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"http://www.friedmanindustries.com/20241231/role/statement-note-p-income-taxes-", "http://www.friedmanindustries.com/20241231/role/statement-note-p-income-taxes-details-textual"], "lang": { "en-us": { "role": { "label": "Entity [Domain]", "documentation": "All the names of the entities being reported upon in a document. Any legal structure used to conduct activities or to hold assets. Some examples of such structures are corporations, partnerships, limited liability companies, grantor trusts, and other trusts. This item does not include business and geographical segments which are included in the geographical or business segments domains." } } }, "auth_ref": [] }, "dei_EntityEmergingGrowthCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityEmergingGrowthCompany", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity Emerging Growth Company", "documentation": "Indicate if registrant meets the emerging growth company criteria." } } }, "auth_ref": ["r635"] }, "dei_EntityFileNumber": { "xbrltype": "fileNumberItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFileNumber", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity File Number", "documentation": "Commission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen." } } }, "auth_ref": [] }, "dei_EntityFilerCategory": { "xbrltype": "filerCategoryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityFilerCategory", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity Filer Category", "documentation": "Indicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure." } } }, "auth_ref": ["r635"] }, "dei_EntityIncorporationStateCountryCode": { "xbrltype": "edgarStateCountryItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityIncorporationStateCountryCode", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity Incorporation, State or Country Code", "documentation": "Two-character EDGAR code representing the state or country of incorporation." } } }, "auth_ref": [] }, "dei_EntityInteractiveDataCurrent": { "xbrltype": "yesNoItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityInteractiveDataCurrent", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity Interactive Data Current", "documentation": "Boolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files)." } } }, "auth_ref": ["r641"] }, "dei_EntityRegistrantName": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityRegistrantName", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity Registrant Name", "documentation": "The exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC." } } }, "auth_ref": ["r635"] }, "dei_EntityShellCompany": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "EntityShellCompany", "presentation": 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["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Entity Tax Identification Number", "documentation": "The Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS." } } }, "auth_ref": ["r635"] }, "us-gaap_EquityComponentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "EquityComponentDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-change-in-accumulated-other-comprehensive-income-loss-net-of-tax-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details"], "lang": { "en-us": { "role": { "label": "Equity Component [Domain]", "documentation": "Components of equity are the parts of the total Equity balance including that which is allocated to common, preferred, treasury stock, retained earnings, etc." } } }, "auth_ref": ["r9", "r119", "r145", "r146", "r147", "r160", "r161", "r162", "r166", "r173", "r175", "r177", "r194", "r232", "r235", "r247", "r296", "r361", "r362", "r368", "r369", "r370", "r374", "r375", "r376", "r387", "r388", "r389", "r390", "r391", "r393", "r397", "r421", "r423", "r424", "r425", "r426", "r427", "r430", "r432", "r447", "r473", "r498", "r499", "r500", "r511", "r568"] }, "us-gaap_FairValueByFairValueHierarchyLevelAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByFairValueHierarchyLevelAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Fair Value Hierarchy and NAV [Axis]", "documentation": "Information by level within fair value hierarchy and fair value measured at net asset value per share as practical expedient." } } }, "auth_ref": ["r279", "r308", "r309", "r310", "r311", "r312", "r313", "r400", "r402", "r403", "r404", "r405", "r411", "r412", "r414", "r450", "r451", "r452", "r603", "r604", "r606", "r607", "r608", "r612", "r614"] }, "us-gaap_FairValueByMeasurementFrequencyAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueByMeasurementFrequencyAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Measurement Frequency [Axis]", "documentation": "Information by measurement frequency." } } }, "auth_ref": ["r401", "r402", "r403", "r405", "r612", "r706", "r716"] }, "us-gaap_FairValueDisclosuresTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueDisclosuresTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements"], "lang": { "en-us": { "role": { "label": "Fair Value Disclosures [Text Block]", "documentation": "The entire disclosure for the fair value of financial instruments (as defined), including financial assets and financial liabilities (collectively, as defined), and the measurements of those instruments as well as disclosures related to the fair value of non-financial assets and liabilities. Such disclosures about the financial instruments, assets, and liabilities would include: (1) the fair value of the required items together with their carrying amounts (as appropriate); (2) for items for which it is not practicable to estimate fair value, disclosure would include: (a) information pertinent to estimating fair value (including, carrying amount,

effective interest rate, and maturity, and (b) the reasons why it is not practicable to estimate fair value; (3) significant concentrations of credit risk including: (a) information about the activity, region, or economic characteristics identifying a concentration, (b) the maximum amount of loss the entity is exposed to based on the gross fair value of the related item, (c) policy for requiring collateral or other security and information as to accessing such collateral or security, and (d) the nature and brief description of such collateral or security; (4) quantitative information about market risks and how such risks are managed; (5) for items measured on both a recurring and nonrecurring basis information regarding the inputs used to develop the fair value measurement; and (6) for items presented in the financial statement for which fair value measurement is elected: (a) information necessary to understand the reasons for the election, (b) discussion of the effect of fair value changes on earnings, (c) a description of [similar groups] items for which the election is made and the relation thereof to the balance sheet, the aggregate carrying value of items included in the balance sheet that are not eligible for the election; (7) all other required (as defined) and desired information." } } }, "auth_ref": ["r407", "r409", "r410", "r411", "r414", "r415", "r416", "r417", "r418", "r457", "r612", "r615"] }, "us-gaap_FairValueInputsLevel1Member": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel1Member", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Fair Value, Inputs, Level 1 [Member]", "documentation": "Quoted prices in active markets for identical assets or liabilities that the reporting entity can access at the measurement date." } } }, "auth_ref": ["r279", "r308", "r313", "r402", "r412", "r450", "r606", "r607", "r608", "r612"] }, "us-gaap_FairValueInputsLevel2Member": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel2Member", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Fair Value, Inputs, Level 2 [Member]", "documentation": "Inputs other than quoted prices included within level 1 that are observable for an asset or liability, either directly or indirectly, including, but not limited to, quoted prices for similar assets or liabilities in active markets, or quoted prices for identical or similar assets or liabilities in inactive markets." } } }, "auth_ref": ["r279", "r308", "r313", "r402", "r403", "r412", "r451", "r603", "r604", "r606", "r607", "r608", "r612"] }, "us-gaap_FairValueInputsLevel3Member": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueInputsLevel3Member", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Fair Value, Inputs, Level 3 [Member]", "documentation": "Unobservable inputs that reflect the entity's own assumption about the assumptions market participants would use in pricing." } } }, "auth_ref": ["r279", "r308", "r309", "r310", "r311", "r312", "r313", "r402", "r403", "r404", "r405", "r412", "r452", "r603", "r604", "r606", "r607", "r608", "r612", "r614"] }, "us-gaap_FairValueLiabilitiesMeasuredOnRecurringBasisTextBlock": { "xbrltype": "textBlockItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueLiabilitiesMeasuredOnRecurringBasisTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-tables"], "lang": { "en-us": { "role": { "label": "Fair Value, Liabilities Measured on Recurring Basis [Table Text Block]", "documentation": "Tabular disclosure of liabilities, including [financial] instruments measured at fair value that are classified in stockholders' equity, if any, by class that are measured at fair value on a recurring basis. The disclosures contemplated herein include the fair value measurements at the reporting date by the level within the fair value hierarchy in which the fair value measurements in their entirety fall, segregating fair value measurements using quoted prices in active markets for identical assets (Level 1), significant other observable inputs (Level 2), and significant unobservable inputs (Level 3). Where the quoted price in an active market for the identical liability is not available, the Level 1 input is the quoted price of an identical liability when traded as an asset." } } }, "auth_ref": ["r703", "r704"] }, "us-gaap_FairValueMeasurementFrequencyDomain": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementFrequencyDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Measurement Frequency [Domain]", "documentation": "Measurement frequency." } } }, "auth_ref": ["r401", "r402", "r403", "r405", "r612", "r706", "r716"] }, "us-gaap_FairValueMeasurementsFairValueHierarchyDomain": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsFairValueHierarchyDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Fair Value Hierarchy and NAV [Domain]", "documentation": "Categories used to prioritize the inputs to valuation techniques to measure fair value." } } }, "auth_ref": ["r279", "r308", "r309", "r310", "r311", "r312", "r313", "r400", "r402", "r403", "r404", "r405", "r411", "r412", "r414", "r450", "r451", "r452", "r603", "r604", "r606", "r607", "r608", "r612", "r614"] }, "us-gaap_FairValueMeasurementsRecurringMember": { "xbrltype": "domainItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FairValueMeasurementsRecurringMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details"], "lang": { "en-us": { "role": { "label": "Fair Value, Recurring [Member]", "documentation": "Frequent fair value measurement. Includes, but is not limited to, fair value adjustment for impairment of asset, liability or equity, frequently measured at fair value." } } }, "auth_ref": ["r612", "r703", "r704", "r705", "r706", "r707", "r716"] }, "us-gaap_FinanceLeaseInterestExpense": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseInterestExpense", "crdr": "debit", "calculation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-lease-cost-details"], "parentTag": "us-gaap_LeaseCost", "weight": 1.0, "order": 1.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-lease-cost-details"], "lang": { "en-us": { "role": { "label": "Finance lease \u2013 interest on lease liability", "documentation": "Amount of interest expense on finance lease liability." } } }, "auth_ref": ["r435", "r438", "r616"] }, "us-gaap_FinanceLeaseLiabilityCurrent": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseLiabilityCurrent", "crdr": "credit", "calculation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 0.0 }, "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details": { "parentTag": "frd_OperatingAndFinanceLeaseLiability", "weight": 1.0, "order": 0.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details"], "lang": { "en-us": { "role": { "label": "Current portion of financing lease", "documentation": "Present value of lessee's discounted obligation for lease payments from finance lease, classified as current." } } }, "auth_ref": ["r434"] }, "us-gaap_FinanceLeaseLiabilityPaymentsDue": { "xbrltype": 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"debit", "calculation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details"], "parentTag": "frd_OperatingAndFinanceLeaseRightOfUseAsset", "weight": 1.0, "order": 0.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details"], "lang": { "en-us": { "role": { "label": "Finance lease right-of-use asset", "documentation": "Amount, after accumulated amortization, of right-of-use asset from finance lease." } } }, "auth_ref": ["r433"] }, "us-gaap_FinanceLeaseRightOfUseAssetAmortization": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "FinanceLeaseRightOfUseAssetAmortization", "crdr": "debit", "calculation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-lease-cost-details"], "parentTag": "us-gaap_LeaseCost", "weight": 1.0, "order": 2.0 }, "presentation": 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["http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details"], "parentTag": "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Flat-roll [Member]", "documentation": "Represents information pertaining to the flat-roll segment." } } }, "auth_ref": [] }, "us-gaap_GainLossOnSaleOfPropertyPlantEquipment": { "xbrltype": "monetaryItem", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "GainLossOnSaleOfPropertyPlantEquipment", "crdr": "credit", "calculation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "parentTag": "us-gaap_OperatingIncomeLoss", "weight": 1.0, "order": 1.0 }, "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": -1.0, "order": 5.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-details-textual"], "lang": { "en-us": { "role": { "label": "Gain on disposal of property, plant and equipment", "terseLabel": "Gain (Loss) on Disposition of Property Plant Equipment", "negatedLabel": "Gain on disposal of property, plant and equipment", "documentation": "Amount of gain (loss) on sale or disposal of property, plant and equipment assets, including oil and gas property and timber property." } } }, "auth_ref": ["r6"] }, "frd_GraniteCityILFacilityMember": { "xbrltype": "domainItem", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "GraniteCityILFacilityMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual"], "lang": { "en-us": { "role": { "label": "Granite City, IL Facility [Member]", "documentation": "Relating to the Granite City, IL Facility." } } }, "auth_ref": [] }, "frd_HeavydutyForkliftMember": { "xbrltype": "domainItem", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "HeavydutyForkliftMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual"], "lang": { "en-us": { "role": { "label": "Heavy-duty Forklift [Member]", "documentation": "Information pertaining to the heavy-duty forklift." } } }, "auth_ref": [] }, "us-gaap_HedgingDesignationAxis": { "xbrltype": "stringItem", "nsuri": "http://fasb.org/us-gaap/2024", 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"http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual",
"http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details",
"http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details"],
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Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory." } } }, "auth_ref": ["r236"] }, "us-gaap_InventoryFinishedGoods": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryFinishedGoods", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 0.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details"], "lang": { "en-us": { "role": { "label": "Flat-Roll finished goods", "documentation": "Amount before valuation and LIFO reserves of completed merchandise or goods expected to be sold within one year or operating cycle, if longer." } } }, "auth_ref": ["r645"] }, "us-gaap_InventoryNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryNet", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 3.0 }, "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details"], "lang": { "en-us": { "role": { "label": "Inventories", "totalLabel": "Inventory, Net", "documentation": "Amount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r129", "r586", "r617"] }, "us-gaap_InventoryRawMaterials": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "InventoryRawMaterials", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details": { "parentTag": "us-gaap_InventoryNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details"], "lang": { "en-us": { "role": { "label": "Flat-Roll raw material", "documentation": "Amount before valuation and LIFO reserves of raw materials expected to be sold, or consumed within one year or operating cycle, if longer." } } }, "auth_ref": ["r646"] }, "frd_JPMorganChaseBankNAMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "JPMorganChaseBankNAMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "JPMorgan Chase Bank N.A. [Member]", "documentation": "The name of a lender of a credit facility." } } }, "auth_ref": [] }, "us-gaap_Land": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Land", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Land", "documentation": "Amount before accumulated depletion of real estate held for productive use, excluding land held for sale." } } }, "auth_ref": ["r644"] }, "us-gaap_LeaseContractualTermAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseContractualTermAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual"], "lang": { "en-us": { "role": { "label": "Lease Contractual Term [Axis]", "documentation": "Information by contractual term of lease arrangement." } } }, "auth_ref": ["r445", "r642"] }, "us-gaap_LeaseContractualTermDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseContractualTermDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual"], "lang": { "en-us": { "role": { "label": "Lease Contractual Term [Domain]", "documentation": "Contractual term of lease arrangement." } } }, "auth_ref": ["r445", "r642"] }, "us-gaap_LeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseCost", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-lease-cost-details": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-lease-cost-details"], "lang": { "en-us": { "role": { "label": "us-gaap_LeaseCost", "totalLabel": "Lease, Cost", "documentation": "Amount of lease cost recognized by lessee for lease contract." } } }, "auth_ref": ["r437", "r616"] }, "us-gaap_LeaseCostTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LeaseCostTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-tables"], "lang": { "en-us": { "role": { "label": "Lease, Cost [Table Text Block]", "documentation": "Tabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income." } } }, "auth_ref": ["r723"] }, "dei_LegalEntityAxis": { "xbrltype": "stringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LegalEntityAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited-parentheticals", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information", "http://www.friedmanindustries.com/20241231/role/statement-note-a-basis-of-presentation", "http://www.friedmanindustries.com/20241231/role/statement-note-b-new-accounting-pronouncements", "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories", "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details", "http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-maturities-of-operating-and-finance-lease-details", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-change-in-accumulated-other-comprehensive-income-loss-net-of-tax-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-earnings-for-derivative-instruments-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details", "http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements", "http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-recurring-fair-value-measurements-details", "http://www.friedmanindustries.com/20241231/role/statement-note-i-fair-value-measurements-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details-parentheticals", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income", "http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income-summary-of-other-

"LineOfCreditFacilityInterestRateAtPeriodEnd", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_LineOfCreditFacilityInterestRateAtPeriodEnd", "terseLabel": "Line of Credit Facility, Interest Rate at Period End", "documentation": "The effective interest rate at the end of the reporting period." } } }, "auth_ref": ["r52", "r56"] }, "us-gaap_LineOfCreditFacilityLenderDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityLenderDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "Line of Credit Facility, Lender [Domain]", "documentation": "Identification of the lender, which may be a single entity (for example, a bank, pension fund, venture capital firm) or a group of entities that participate in the line of credit, including a letter of credit facility." } } }, "auth_ref": ["r52", "r56", "r650", "r669"] }, "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LineOfCreditFacilityMaximumBorrowingCapacity", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity", "terseLabel": "Line of Credit Facility, Maximum Borrowing Capacity", "documentation": "Maximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility." } } }, "auth_ref": ["r52", "r56"] }, "frd_LineOfCreditFacilityMaximumBorrowingCapacityConditionalIncreaseMinimumIncrements": { "xbrltype": "monetaryItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "LineOfCreditFacilityMaximumBorrowingCapacityConditionalIncreaseMinimumIncrements", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "frd_LineOfCreditFacilityMaximumBorrowingCapacityConditionalIncreaseMinimumIncrements", "terseLabel": "Line of Credit Facility, Maximum Borrowing Capacity, Conditional Increase, Minimum Increments", "documentation": "The minimum amount per increment of increases to the maximum borrowing capacity of the line of credit facility upon the satisfaction of certain conditions." } } }, "auth_ref": [] }, "frd_LineOfCreditFacilityMaximumBorrowingCapacityMaximumConditionalIncrease": { "xbrltype": "monetaryItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "LineOfCreditFacilityMaximumBorrowingCapacityMaximumConditionalIncrease", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "frd_LineOfCreditFacilityMaximumBorrowingCapacityMaximumConditionalIncrease", "terseLabel": "Line of Credit Facility, Maximum Borrowing Capacity, Maximum Conditional Increase", "documentation": "The maximum amount of increase to the maximum borrowing capacity of the line of credit facility upon the satisfaction of certain conditions." } } }, "auth_ref": [] }, "dei_LocalPhoneNumber": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "LocalPhoneNumber", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Local Phone Number", "documentation": "Local phone number for entity." } } }, "auth_ref": [] }, "us-gaap_LongMember": { "xbrltype": "domainItemType", "nsuri": 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portion of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement." } } }, "auth_ref": ["r15", "r29", "r30"] }, "us-gaap_MachineryAndEquipmentGross": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "MachineryAndEquipmentGross", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "Machinery and equipment", "documentation": "Amount before accumulated depreciation of tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment." } } }, "auth_ref": ["r90"] }, "frd_ManufacturedPipeMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "ManufacturedPipeMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Manufactured Pipe [Member]", "documentation": "Information pertaining to manufactured pipe." } } }, "auth_ref": [] }, "frd_MaterialSoldExpenseMember": { "xbrltype": "domainItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "MaterialSoldExpenseMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Material Sold Expense [Member]", "documentation": "Represents the cost of materials sold." } } }, "auth_ref": [] }, "ecd_MtrlTermsOfTrdArrTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "MtrlTermsOfTrdArrTextBlock", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "Material Terms of Trading Arrangement [Text Block]" } } }, "auth_ref": ["r640"] }, "us-gaap_NatureOfExpenseAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NatureOfExpenseAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Nature of Expense [Axis]", "documentation": "Information by type of cost or expense." } } }, "auth_ref": ["r23"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivities", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 0.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_NetCashProvidedByUsedInFinancingActivities", "totalLabel": "NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES", "documentation": "Amount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit." } } }, "auth_ref": ["r152"] }, "us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInFinancingActivitiesAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "FINANCING ACTIVITIES" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInInvestingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivities", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 2.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_NetCashProvidedByUsedInInvestingActivities", "totalLabel": "NET CASH USED IN INVESTING ACTIVITIES", "documentation": "Amount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets." } } }, "auth_ref": ["r152"] }, "us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInInvestingActivitiesAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "INVESTING ACTIVITIES" } } }, "auth_ref": [] }, "us-gaap_NetCashProvidedByUsedInOperatingActivities": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivities", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "totalLabel": "NET CASH PROVIDED BY OPERATING ACTIVITIES", "documentation": "Amount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": ["r85", "r86", "r87"] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited"], "lang": { "en-us": { "role": { "label": "OPERATING ACTIVITIES" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-unaudited": { "parentTag": "us-gaap_ComprehensiveIncomeNetOfTax", "weight": 1.0, "order": 0.0 } }, "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-computation-of-basic-and-diluted-earnings-per-share-details": { "parentTag": "us-gaap_NetIncomeLossAvailableToCommonStockholdersBasic", "weight": 1.0, "order": 0.0 } }, "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 15.0 } }, "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-comprehensive-income-unaudited", "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited",

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"http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details"], "lang": { "en-us": { "role": { "label": "Not Designated as Hedging Instrument [Member]", "documentation": "Derivative instrument not designated as hedging instrument under Generally Accepted Accounting Principles (GAAP)." } } }, "auth_ref": ["r10"] }, "us-gaap_NonoperatingIncomeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NonoperatingIncomeExpense", "crdr": "credit", "calculation": {
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of lease liability." } } }, "auth_ref": ["r439", "r616"] }, "us-gaap_OperatingLeaseLiability": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiability", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-maturities-of-operating-and-finance-lease-details"], "lang": { "en-us": { "role": { "verboseLabel": "Present value of lease liability, operating lease", "label": "us-gaap_OperatingLeaseLiability", "documentation": "Present value of lessee's discounted obligation for lease payments from operating lease." } } }, "auth_ref": ["r434"] }, "us-gaap_OperatingLeaseLiabilityCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseLiabilityCurrent", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-balance-sheet-information-details": { "parentTag": 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"http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details"],
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"http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"],
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"details", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details", "lang": { "en-us": { "role": { "label": "Product and Service [Axis]" } } }, "auth_ref": ["r225", "r453", "r489", "r490", "r491", "r492", "r493", "r494", "r495", "r584", "r605", "r618", "r619", "r620", "r622", "r623", "r667", "r668", "r673", "r728", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r739", "r740", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759"] }, "srt_ProductsAndServicesDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ProductsAndServicesDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-schedule-of-inventory-details", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Product and Service [Domain]" } } }, "auth_ref": ["r225", "r453", "r489", "r490", "r491", "r492", "r493", "r494", "r495", "r584", "r605", "r618", "r619", "r620", "r622", "r623", "r667", "r668", "r673", "r728", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r739", "r740", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759"] }, "us-gaap_PropertyPlantAndEquipmentAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentAbstract", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "PROPERTY, PLANT AND EQUIPMENT:" } } }, "auth_ref": [] }, "us-gaap_PropertyPlantAndEquipmentByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentByTypeAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-details-textual"], "lang": { "en-us": { "role": { "label": "Long-Lived Tangible Asset [Axis]", "documentation": "Information by type of long-lived, physical assets used to produce goods and services and not intended for resale." } } }, "auth_ref": ["r7", "r444"] }, "us-gaap_PropertyPlantAndEquipmentDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentDisclosureTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-"], "lang": { "en-us": { "role": { "label": "Property, Plant and Equipment Disclosure [Text Block]", "documentation": "The entire disclosure for long-lived, physical asset used in normal conduct of business and not intended for resale. Includes, but is not limited to, work of art, historical treasure, and similar asset classified as collections." } } }, "auth_ref": ["r89", "r112", "r113", "r114"] }, "us-gaap_PropertyPlantAndEquipmentNet": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentNet", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 2.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited"], "lang": { "en-us": { "role": { "label": "us-gaap_PropertyPlantAndEquipmentNet", "totalLabel": "TOTAL PROPERTY, PLANT AND EQUIPMENT", "documentation": "Amount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures." } } }, "auth_ref": ["r7", "r444", "r462", "r470", "r617"] }, "us-gaap_PropertyPlantAndEquipmentTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "PropertyPlantAndEquipmentTypeDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases", "http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-", "http://www.friedmanindustries.com/20241231/role/statement-note-f-property-plant-and-equipment-details-textual"], "lang": { "en-us": { "role": { "label": "Long-Lived Tangible Asset [Domain]", "documentation": "Listing of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale. Examples include land, buildings, machinery and equipment, and other types of furniture and equipment including, but not limited to, office equipment, furniture and fixtures, and computer equipment and software." } } }, "auth_ref": ["r90", "r444"] }, "us-gaap_ReclassificationFromAociCurrentPeriodNetOfTaxAttributableToParent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationFromAociCurrentPeriodNetOfTaxAttributableToParent", "crdr": "debit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-change-in-accumulated-other-comprehensive-income-loss-net-of-tax-details"], "lang": { "en-us": { "role": { "label": "us-gaap_ReclassificationFromAociCurrentPeriodNetOfTaxAttributableToParent", "negatedLabel": "Total loss reclassified from AOCI (1)", "documentation": "Amount after tax of reclassification adjustments of other comprehensive income (loss) attributable to parent." } } }, "auth_ref": ["r14", "r17"] }, "us-gaap_ReclassificationFromAociCurrentPeriodTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationFromAociCurrentPeriodTax", "crdr": "credit", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_ReclassificationFromAociCurrentPeriodTax", "terseLabel": "Reclassification from AOCI, Current Period, Tax", "documentation": "Amount of tax expense (benefit) of reclassification adjustment from accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r2", "r139", "r145", "r473"] }, "us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationOutOfAccumulatedOtherComprehensiveIncomeAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details"], "lang": { "en-us": { "role": { "label": "Reclassification out of Accumulated Other Comprehensive Income [Axis]", "documentation": "Information by item reclassified out of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r147"] }, "us-gaap_ReclassificationOutOfAccumulatedOtherComprehensiveIncomeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ReclassificationOutOfAccumulatedOtherComprehensiveIncomeDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details"], "lang": { "en-us": { "role": { "label": "Reclassification out of Accumulated Other Comprehensive Income [Domain]", "documentation": "Item reclassified out of accumulated other 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"http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details", "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-restricted-stock-units-details"], "lang": { "en-us": { "role": { "label": "Restricted Stock Units (RSUs) [Member]", "documentation": "Share instrument which is convertible to stock or an equivalent amount of cash, after a specified period of time or when specified performance conditions are met." } } }, "auth_ref": [] }, "us-gaap_RetainedEarningsAccumulatedDeficit": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RetainedEarningsAccumulatedDeficit", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-balance-sheets-unaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 }, "presentation": 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"r500", "r511", "r762"] }, "us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerIncludingAssessedTax", "crdr": "credit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_OperatingIncomeLoss", "weight": 1.0, "order": 0.0 }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details", "http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Revenue", "label": "Net Sales", "documentation": "Amount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise." } } }, "auth_ref": ["r107", "r108", "r193", "r200", "r201", "r216", "r222", "r225", "r227", "r228", "r305", "r306", "r453"] }, "us-gaap_RevenueFromContractWithCustomerTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerTextBlock", "presentation": [

"http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue"], "lang": { "en-us": { "role": { "label": "Revenue from Contract with Customer [Text Block]", "documentation": "The entire disclosure of revenue from contract with customer to transfer good or service and to transfer nonfinancial asset. Includes, but is not limited to, disaggregation of revenue, credit loss recognized from contract with customer, judgment and change in judgment related to contract with customer, and asset recognized from cost incurred to obtain or fulfill contract with customer. Excludes insurance and lease contracts." } } }, "auth_ref": ["r118", "r297", "r298", "r299", "r300", "r301", "r302", "r303", "r304", "r307"] }, "ecd_Rule10b51ArrAdoptedFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrAdoptedFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "ecd_Rule10b51ArrAdoptedFlag", "terselabel": "Rule 10b5-1 Arrangement Adopted [Flag]" } } }, "auth_ref": ["r640"] }, "ecd_Rule10b51ArrTrmmtDFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/ecd/2024", "localname": "Rule10b51ArrTrmmtDFlag", "presentation": ["http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements"], "lang": { "en-us": { "role": { "label": "ecd_Rule10b51ArrTrmmtDFlag", "terselabel": "Rule 10b5-1 Arrangement Terminated [Flag]" } } }, "auth_ref": ["r640"] }, "us-gaap_ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Accumulated Other Comprehensive Income (Loss) [Table Text Block]", "documentation": "Tabular disclosure of the components of accumulated other comprehensive income (loss)." } } }, "auth_ref": ["r17", "r718", "r719"] }, "us-gaap_ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfAntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Antidilutive Securities Excluded from Computation of Earnings Per Share [Table Text Block]", "documentation": "Tabular disclosure of securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) in the future that were not included in the computation of diluted EPS because to do so would increase EPS amounts or decrease loss per share amounts for the period presented, by antidilutive securities." } } }, "auth_ref": ["r22"] }, "frd_ScheduleOfBalanceSheetInformationRelatedToOperatingLeasesTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.friedmanindustries.com/20241231", "localname": "ScheduleOfBalanceSheetInformationRelatedToOperatingLeasesTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-e-leases-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Balance Sheet Information Related to Operating Leases [Table Text Block]", "documentation": "Tabular disclosure of balance sheet information related to operating leases." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfCashFlowHedgesIncludedInAccumulatedOtherComprehensiveIncomeLossTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Cash Flow Hedges Included in Accumulated Other Comprehensive Income (Loss) [Table Text Block]", "documentation": "Tabular disclosure of gain (loss) on derivative and nonderivative instruments designated and qualifying as cash flow hedge recorded in accumulated other comprehensive income (AOCI) and reclassified into earnings." } } }, "auth_ref": ["r99"] }, "us-gaap_ScheduleOfComprehensiveIncomeLossTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfComprehensiveIncomeLossTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-m-other-comprehensive-income-tables"], "lang": { "en-us": { "role": { "label": "Comprehensive Income (Loss) [Table Text Block]", "documentation": "Tabular disclosure of components of comprehensive income (loss). Includes, but is not limited to, foreign currency translation adjustments, foreign currency transactions designated as economic hedges of a net investment in foreign entity, gain (loss) and prior service cost (credit) for pension plans and other postretirement benefit plans." } } }, "auth_ref": ["r71"] }, "us-gaap_ScheduleOfDerivativeInstrumentsGainLossInStatementOfFinancialPerformanceTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDerivativeInstrumentsGainLossInStatementOfFinancialPerformanceTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables"], "lang": { "en-us": { "role": { "label": "Derivative Instruments, Gain (Loss) [Table Text Block]", "documentation": "Tabular disclosure of the location and amount of derivative instruments and nonderivative instruments designated as hedging instruments reported before netting adjustments, and the amount of gain (loss) on derivative instruments and nonderivative instruments designated and qualified as hedging instruments." } } }, "auth_ref": ["r41", "r44", "r384"] }, "us-gaap_ScheduleOfDerivativeInstrumentsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfDerivativeInstrumentsTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Derivative Instruments [Table Text Block]", "documentation": "Tabular disclosure of pertinent information about a derivative or group of derivatives on a disaggregated basis, such as for individual instruments, or small groups of similar instruments. May include a combination of the type of instrument, risks being hedged, notional amount, hedge designation, related hedged item, inception date, maturity date, or other relevant item." } } }, "auth_ref": ["r10", "r36", "r37", "r38", "r39", "r42", "r44", "r47", "r48"] }, "us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Earnings Per Share, Basic and Diluted [Table Text Block]", "documentation": "Tabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations." } } }, "auth_ref": ["r657"] }, "us-gaap_ScheduleOfInventoryCurrentTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfInventoryCurrentTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-c-inventories-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Inventory, Current [Table Text Block]", "documentation": "Tabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process." } } }, "auth_ref": ["r16", "r67", "r68", "r69"] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Segment Reporting Information, by Segment [Table Text Block]", "documentation": "Tabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss." } } }, "auth_ref": ["r24", "r25", "r26"] }, "us-gaap_ScheduleOfStockholdersEquityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfStockholdersEquityTableTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-tables"], "lang": { "en-us": { "role": { "label": "Schedule of Stockholders Equity [Table Text Block]", "documentation": "Tabular disclosure of changes in the separate accounts comprising stockholders' equity (in addition to retained earnings) and of the changes in the number of shares of equity securities during at least the most recent annual fiscal period and any subsequent interim period presented is required to make the financial statements sufficiently informative if both financial position and results of operations are presented." } } }, "auth_ref": ["r9"] }, "us-gaap_SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SecuredOvernightFinancingRateSofrOvernightIndexSwapRateMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-d-debt", "http://www.friedmanindustries.com/20241231/role/statement-note-d-debt-details-textual"], "lang": { "en-us": { "role": { "label": "Secured Overnight Financing Rate (SOFR) Overnight Index Swap Rate [Member]", "documentation": "Fixed rate on U.S. dollar, constant-notional interest rate swap that has its variable-rate leg referenced to Secured Overnight Financing Rate (SOFR) with no additional spread over SOFR on variable-rate leg." } } }, "auth_ref": ["r701"] }, "dei_Security12bTitle": { "xbrltype": "securityTitleItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "Security12bTitle", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Title of 12(b) Security", "documentation": "Title of a 12(b) registered security." } } }, "auth_ref": ["r634"] }, "dei_SecurityExchangeName": { "xbrltype": "edgarExchangeCodeItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "SecurityExchangeName", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Security Exchange Name", "documentation": "Name of the Exchange on which a security is registered." } } }, "auth_ref": ["r636"] }, "us-gaap_SegmentDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Segments [Domain]", "documentation": "Components of an entity that engage in business activities from which they may earn revenue and incur expenses, including transactions with other components of the same entity." } } }, "auth_ref": ["r107", "r108", "r109", "r110", "r193", "r196", "r199", "r200", "r201", "r202", "r203", "r204", "r205", "r206", "r207", "r208", "r210", "r211", "r213", "r214", "r215", "r216", "r217", "r218", "r219", "r220", "r222", "r223", "r224", "r228", "r237", "r238", "r239", "r240", "r241", "r242", "r243", "r244", "r245", "r246", "r257", "r258", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r594", "r597", "r598", "r602", "r621", "r728", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r739", "r740", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759"] }, "us-gaap_SegmentReportingDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SegmentReportingDisclosureTextBlock", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data"], "lang": { "en-us": { "role": { "label": "Segment Reporting Disclosure [Text Block]", "documentation": "The entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments." } } }, "auth_ref": ["r110", "r193", "r195", "r196", "r197", "r198", "r199", "r212", "r214", "r215", "r220", "r221", "r222", "r223", "r224", "r225", "r226", "r228", "r593", "r595", "r596", "r597", "r599", "r600", "r601"] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "calculation": { "http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_CostsAndExpenses", "weight": 1.0, "order": 0.0 } }, "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Selling, general and administrative", "documentation": "The aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal

charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc." } } }, "auth_ref": ["r76"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsForfeitedInPeriod", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details"], "lang": { "en-us": { "role": { "label": "Cancelled or forfeited (in shares)", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that were forfeited during the reporting period." } } }, "auth_ref": ["r332"] }, 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Excludes share and unit options." } } }, "auth_ref": ["r327", "r328"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details"], "lang": { "en-us": { "role": { "label": "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriod", "negatedLabel": "Vested (in shares)", "documentation": "The number of equity-based payment instruments, excluding stock (or unit) options, that vested during the reporting period." } } }, "auth_ref": ["r331"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsVestedInPeriodWeightedAverageGrantDateFairValue", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details"], "lang": { "en-us": { "role": { "label": "Vested, grant date fair value per share (in dollars per share)", "documentation": "The weighted average fair value as of grant date pertaining to an equity-based award plan other than a stock (or unit) option plan for which the grantee gained the right during the reporting period, by satisfying service and performance requirements, to receive or retain shares or units, other instruments, or cash in accordance with the terms of the arrangement." } } }, "auth_ref": ["r331"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAuthorized", "terseLabel": "Share-based Compensation Arrangement by Share-based Payment Award, Number of Shares Authorized (in shares)", "documentation": "Number of shares authorized for issuance under share-based payment arrangement." } } }, "auth_ref": ["r610"] }, "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-details-textual"], "lang": { "en-us": { "role": { "label": "us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardNumberOfSharesAvailableForGrant", "terseLabel": "Share-Based Compensation Arrangement by Share-Based Payment Award, Number of Shares Available for Grant (in shares)", "documentation": "The difference between the maximum number of shares (or other type of equity) authorized for issuance under the plan (including the effects of amendments and adjustments), and the sum of: 1) the number of shares (or other type of equity) already issued upon exercise of options or other equity-based awards under the plan; and 2) shares (or other type of equity) reserved for issuance on granting of outstanding awards, net of cancellations and forfeitures, if applicable." } } }, "auth_ref": ["r35"] }, "us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShareBasedCompensationArrangementsByShareBasedPaymentAwardAwardTypeAndPlanNameDomain", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-g-stock-based-compensation-restricted-stock-activity-details", "http://www.friedmanindustries.com/20241231/role/statement-note-n-earnings-per-share-restricted-stock-units-details"], "lang": { "en-us": { "role": { "label": "Award Type [Domain]", "documentation": "Award under share-based payment arrangement." } } }, "auth_ref": ["r316", "r317", "r318", "r319", "r320", "r321", "r322", "r323", "r324", "r325", "r326", "r327", "r328", "r329", "r330", "r331", "r332", "r333", "r334", "r335", "r336", "r337", "r338", "r339", "r340", "r341"] }, "us-gaap_ShortMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ShortMember", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-net-fair-value-of-derivative-financial-instruments-details"], "lang": { "en-us": { "role": { "label": "Short [Member]", "documentation": "Indicates the sale of a borrowed security or written option." } } }, "auth_ref": [] }, "us-gaap_StatementBusinessSegmentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementBusinessSegmentsAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-j-industry-segment-data-segment-information-details", "http://www.friedmanindustries.com/20241231/role/statement-note-k-revenue-disaggregation-of-revenue-details"], "lang": { "en-us": { "role": { "label": "Segments [Axis]", "documentation": "Information by business segments." } } }, "auth_ref": ["r107", "r108", "r109", "r110", "r121", "r193", "r196", "r199", "r200", "r201", "r202", "r203", "r204", "r205", "r206", "r207", "r208", "r210", "r211", "r213", "r214", "r215", "r216", "r217", "r218", "r219", "r220", "r222", "r223", "r224", "r228", "r237", "r238", "r239", "r240", "r241", "r242", "r243", "r244", "r245", "r246", "r249", "r257", "r258", "r478", "r479", "r480", "r481", "r482", "r483", "r484", "r485", "r486", "r487", "r488", "r594", "r597", "r598", "r602", "r621", "r728", "r732", "r733", "r734", "r735", "r736", "r737", "r738", "r739", "r740", "r741", "r742", "r743", "r744", "r745", "r746", "r747", "r748", "r749", "r750", "r751", "r752", "r753", "r754", "r755", "r756", "r757", "r758", "r759"] }, "us-gaap_StatementEquityComponentsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementEquityComponentsAxis", "presentation": ["http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-change-in-accumulated-other-comprehensive-income-loss-net-of-tax-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-details-textual", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-gain-loss-recognized-in-other-comprehensive-income-details", "http://www.friedmanindustries.com/20241231/role/statement-note-h-derivative-financial-instruments-tables", "http://www.friedmanindustries.com/20241231/role/statement-note-l-stockholders-equity-schedule-of-stockholders-equity-details"], "lang": { "en-us": { "role": { "label": "Equity Components [Axis]", "documentation": "Information by component of equity." } } }, "auth_ref": ["r9", "r61", "r64", "r65", "r119", "r145", "r146", "r147", "r160", "r161", "r162", "r166", "r173", "r175", "r177", "r194", "r232", "r235", "r247", "r296", "r361", "r362", "r368", "r369", "r370", "r374", "r375", "r376", "r387", "r388", "r389", "r390", "r391", "r393", "r397", "r421", "r423", "r424", "r425", "r426", "r427", "r430", "r432", "r447", "r473", "r498", "r499", "r500", "r511", "r568"] }, "us-gaap_StatementLineItems": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "StatementLineItems",

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BASIS OF PRESENTATION

The accompanying unaudited, condensed consolidated financial statements have been prepared in accordance with the instructions to Form 10-K and do not include all of the information and footnotes required by U.S. generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included. For further information, refer to the consolidated financial statements and footnotes of Friedman Industries, Incorporated (the "Company") included in its annual report on Form 10-K for the year ended March 31, 2024.

The consolidated financial statements for the previous year include certain reclassifications to conform to the current presentation. To conform with the current year presentation, "Cost of products sold" on the consolidated statements of operations was disaggregated into four separate line items: "Cost of materials sold", "Processing and warehousing expense", "Delivery expense" and "Depreciation and amortization". The Company believes this increased level of detail provides financial statement users with a better understanding of the Company's expenses. "Cost of materials sold" provides the costs associated with purchased steel, inbound freight, transfer freight and certain external processing costs. "Processing and warehousing expense" represents the operating costs at our processing facilities. "Delivery expense" represents the costs of delivering products to customers. The amount the Company charged customers for delivery of products is reported within "Net sales" on the consolidated statements of operations. These reclassifications had no impact on previously reported net earnings or stockholders' equity.

NOTE B — NEW ACCOUNTING PRONOUNCEMENTS

ASU 2024-03, "Improvements to Income Tax Disclosures"

ASU 2024-03 will require more detailed information about the types of expenses in commonly presented income statement captions such as "Cost of sales" and "Selling, general and administrative expenses". The new guidance is effective for annual reporting periods beginning after December 15, 2026, and interim reporting periods beginning after December 15, 2027 with early adoption permitted. The Company is evaluating the impact that adoption of the provisions of ASU 2024-03 will have on its consolidated financial statements.

ASU 2023-09, "Improvements to Income Tax Disclosures"

ASU 2023-09 is effective for annual periods beginning after December 15, 2024. Early adoption is permitted for annual financial statements that have not yet been issued or made available for issuance. ASU 2023-09 is to be applied on a prospective basis, but retrospective application is permitted. The Company is evaluating the impact that adoption of the provisions of ASU 2023-09 will have on its consolidated financial statements.

ASU 2023-07, "Improvements to Reportable Segment Disclosures"

ASU 2023-07 includes requirements that an entity disclose the title of the chief operating decision maker (CODM) and on an interim and annual basis, significant segment expenses and the composition of other segment items for each segment's reported profit. The standard also permits disclosure of additional measures of segment profit. ASU 2023-07 is effective for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024. Early adoption is permitted. The guidance is to be applied retrospectively to all prior periods presented in the financial statements. The Company is evaluating the impact that adoption of the provisions of ASU 2023-07 will have on its consolidated financial statements.

INVENTORIES

The Company operates in two segments: the flat-roll segment and the tubular segment. Both flat-roll segment and tubular segment inventories consist of raw material and finished goods. Cost for substantially all of the Company's inventory is determined using the average cost method. All inventories are valued at the lower of cost or net realizable value. Flat-roll raw material inventory consists of steel coils the Company will process into sheet and plate. Flat-roll finished goods consists of processed sheet and plate inventory. Tubular raw material inventory consists of hot-rolled steel coils that the Company will manufacture into pipe. Tubular finished goods inventory consists of pipe the Company has manufactured. Inventory costs include the costs of the purchased metals, inbound freight, transfer freight, certain external processing, internal processing, direct labor and applicable overhead costs.

Inventory Type	Segment	Inventory Description
Flat-roll raw material	Flat-roll segment	Steel coils
Flat-roll finished goods	Flat-roll segment	Processed sheet and plate
Tubular raw material	Tubular segment	Hot-rolled steel coils
Tubular finished goods	Tubular segment	Manufactured pipe

[illegible]

[illegible]

[illegible]

Times New Roman; font-size: 10pt; margin-left: 0pt; width: 2,841; font-family: Times New Roman; font-size: 10pt; margin-left: 0pt; text-align: center; font-family: Times New Roman; font-size: 10pt; margin-left: 0pt; width: 29%; font-family: Times New Roman; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt; em style="font: inherit;">Operating lease right-of-use asset

Finance lease right-of-use asset

385

404

Property, plant & equipment

Total right-of-use assets

3px

3,279

3,245

Liabilities

Accrued expenses

Operating lease liability, current

157

Operating lease liability, non-current

2,790

2,782

Non-current lease liabilities

Total lease liabilities

2,937

As of December 31, 2024, the weighted-average remaining lease term was 19.3 years for operating leases. The weighted average discount rate was 7.5% for operating leases

Maturities of lease liabilities as of December 31, 2024 were as follows (in thousands):

Operating Leases
As of December 31, 2024
Fiscal 2025 (remainder of fiscal year)
Fiscal 2026
Fiscal 2027
Fiscal 2028
Fiscal 2029
Fiscal 2030
Fiscal 2031
Fiscal 2032
Fiscal 2033
Fiscal 2034
Fiscal 2035
Fiscal 2036
Fiscal 2037
Fiscal 2038
Fiscal 2039
Fiscal 2040
Fiscal 2041
Fiscal 2042
Fiscal 2043
Fiscal 2044
Fiscal 2045
Fiscal 2046
Fiscal 2047
Fiscal 2048
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Fiscal 2085
Fiscal 2086
Fiscal 2087
Fiscal 2088
Fiscal 2089
Fiscal 2090
Fiscal 2091
Fiscal 2092
Fiscal 2093
Fiscal 2094
Fiscal 2095
Fiscal 2096
Fiscal 2097
Fiscal 2098
Fiscal 2099
Fiscal 2100

[illegible]

2894000 2841000 385000 404000 3279000 3245000 157000 101000 0 54000 2790000 2782000 2947000 2937000 P19Y3M18D 0.075

Operating lease liability, current	Operating lease liability, non-current	Finance lease liability, current	Finance lease liability, non-current	Total lease liabilities
2,790	2,792	2,937	2,937	90
363	371	324	324	324
5,043	5,043	5,043	5,043	5,043
6,191	6,191	6,191	6,191	6,191
Less: imputed interest				

font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">(3,244</td><tr style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"></tr><tr style="vertical-align: bottom; font-family: "Times New Roman"; Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt 0pt 0pt 27pt;">Present value of lease liability</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double black;">\$</td><td style="width: 16%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double black;">2,947</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"></td></tr></tbody></table> 90000 363000 371000 324000 5043000 6191000 3244000 2947000 <p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: left;">NOTE F – PROPERTY, PLANT AND EQUIPMENT</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-indent: 27pt; text-align: justify;"></p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-indent: 27pt; text-align: justify;">At <em style="font: inherit;"> December 31, 2024, the Company's construction in process balance of approximately \$0.7 million consisted of several smaller projects among our facilities. During <em style="font: inherit;"> December 2024, the Company's tubular segment sold equipment for \$0.8 million resulting in a gain of approximately \$0.4 million.</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-indent: 27pt; text-align: justify;"></p>700000 800000 400000 <p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: left;">NOTE G – STOCK BASED COMPENSATION</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt;"></p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">The Company maintains the Friedman Industries, Incorporated <em style="font: inherit;">2016 Restricted Stock Plan (the "Plan"). The Plan is administered by the Compensation Committee (the "Committee") of the Board of Directors (the "Board") and continues indefinitely until terminated by the Board or until all shares allowed by the Plan have been awarded and earned. The aggregate number of shares of the Company's Common Stock eligible for award under the Plan is 500,000 shares. Subject to the terms and provisions of the Plan, the Committee <em style="font: inherit;"> may, from time to time, select the employees, directors or consultants to whom awards will be granted and shall determine the amount and applicable restrictions of each award. Restricted awards entitle recipients to vote and receive non-forfeitable dividends during the restriction period. Because dividends are non-forfeitable, they are reflected in retained earnings. Forfeitures are accounted for upon their occurrence. Because the Company accounts for forfeitures as they occur, the non-forfeitable dividends are reclassified from retained earnings to additional stock compensation for the actual forfeitures that occurred.</p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: left;"></p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">The following table summarizes the activity related to restricted stock units ("RSUs") for the <em style="font: inherit;"> nine months ended <em style="font: inherit;"> December 31, 2024:</p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;"></p><table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 5%; margin-left: 5%; width: 90%; font-size: 10pt; font-family: "Times New Roman"; Times, serif; text-indent: 0px;"><tbody><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom;"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"><em style="font: inherit;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: center;"><em style="font: inherit;">Weighted Average</p></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="background-color: rgb(255, 255, 255); vertical-align: bottom;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: center;"><em style="font: inherit;">Grant Date Fair Value Per Share</p></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td style="background-color: rgb(204, 238, 255); vertical-align: bottom;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; width: 66%;"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt;">Unvested at March 31, 2024</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;">64,487</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;">6.62</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"></td></tr><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom;"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"><p style="margin: 0pt; font-size: 10pt; font-family: "Times New Roman"; Times, serif; text-indent: 9pt;">Cancelled or forfeited</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0;"></td></tr><tr style="background-color: rgb(204, 238, 255); vertical-align: bottom;"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt 0pt 0pt 9pt;">Granted</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"&

family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt;"/> </p><p style="font-family: 'Times New Roman'; Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">The Company measures compensation expense for RSUs at the market price of the common stock as of the grant date. Compensation expense is recognized over the requisite service period applicable to each award. The Company recorded compensation expense of approximately \$0.1 million and \$0.2 million in the <em style="font: inherit;">nine months ended <em style="font: inherit;">December 31, 2024 and <em style="font: inherit;">2023, respectively, relating to the RSUs issued under the Plan. As of <em style="font: inherit;">December 31, 2024, unrecognized compensation expense related to unvested RSUs was apprimately \$15,000 which is expected to be recognized over a weighted average period of approximately 0.3 years. As of <em style="font: inherit;">December 31, 2024, a total of 117,998 shares were still available to be issued under the Plan.</p><table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 5%; margin-left: 5%; width: 90%; font-size: 10pt; font-family: "Times New Roman"; Times, serif; text-indent: 0px;"><tbody><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"><p style="font-family: 'Times New Roman'; Times, serif; font-size: 10pt; margin: 0pt; text-align: center;"><em style="font: inherit;">Weighted Average</p></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman'; Times, serif; font-size: 10pt; margin: 0pt; text-align: center;"><em style="font: inherit;">Number of Shares</p></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman'; Times, serif; font-size: 10pt; margin: 0pt; text-align: center;"><em style="font: inherit;">Grant Date Fair Value Per Share</p></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 1px;"></td></tr><tr style="background-color: rgb(204, 238, 255); vertical-align: bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt;">Unvested at March 31, 2024</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;">64,487</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;">6.62</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt;"></td></tr><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"><p style="margin: 0pt; font-size: 10pt; font-family: "Times New Roman"; Times, serif; text-indent: 9pt;">Cancelled or forfeited</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0; margin: 0"></td></tr><tr style="background-color: rgb(204, 238, 255); vertical-align: bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding: 0pt 0pt 0pt 9pt;">Vested</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt 0pt 0pt 9pt;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">(46,000</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">6.45</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt;"></td><td style="background-color: rgb(204, 238, 255); vertical-align: bottom"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt;">Unvested at December 31, 2024</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 3px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"></td><td style="width: 14%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">18,487</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"></td><td colspan="2" style="text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;">7.04</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"></td></tr></tbody></table>64487 6.62 0 0 0 0 46000 6.45 18487 7.04 100000 200000 15000 P0Y3M18D 117998<p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; font-variant: normal; text-align: justify; margin: 0pt;">NOTE H — DERIVATIVE FINANCIAL INSTRUMENTS<p style="font-family: 'Times New Roman'; Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; font-variant: normal; text-align: justify; margin: 0pt; text-indent: 24.5pt;">From time to time, we expect to utilize hot-rolled coil futures or options to reduce our exposure to commodity price risk that is inherent in our business. For the <em style="font: inherit;">nine months ended <em style="font: inherit;">December 31, 2024, all of the Company's hedging activities were classified as economic hedges of risk with mark-to-market ("MTM") accounting treatment. For the <em style="font: inherit;">nine months ended <em style="font: inherit;">December 31, 2023, the Company had hedging activities classified as cash flow hedges with hedge accounting treatment according to the requirements of ASC <em style="font: inherit;">815 Derivatives and Hedging and hedging activities classified as economic hedges of risk with MTM accounting treatment. By using derivatives, the Company is exposed to credit and market risk. The Company's exposure to credit risk includes the counterparty's failure to fulfill its performance obligations under the terms of the derivative contract. The Company attempts to minimize its credit risk by entering into transactions with high quality counterparties and uses exchange-traded derivatives when available. Market risk is the risk that the value of the financial instrument might be adversely affected by a change in commodity prices. The Company manages market risk by continually monitoring exposure within its risk management strategy and portfolio. For any transactions designated as hedging instruments for accounting purposes, we document all relationships between hedging instruments and hedged items, as well as our risk management objective and strategy for undertaking the various hedge transactions. We also assess, both at the hedge's inception and on an ongoing basis, whether the derivatives used in hedging transactions are highly effective in offsetting changes in cash flows or fair value of hedged items.<p style="font-family: 'Times New Roman'; Times, serif; font-size: 10pt; margin: 0pt; text-align: left"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; font-variant: normal; text-align: justify; margin: 0pt; text-indent: 24.5pt;">The Company has forward physical purchase supply agreements in place with some of its suppliers for a portion of its monthly physical steel needs. These supply agreements are <em style="font: inherit;">not subject to mark-to-market accounting due to the Company

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">Location of Gain</em></b></p></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; width: 1%;></td><td colspan="2" style="text-align: center; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; width: 1%;><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;><b><em style="font: inherit;">for the Nine Months Ended</em></b></p></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; width: 1%;></td></tr><tr class="finHeading" style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; width: 52%;></td><td style="text-align: center; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; width: 20%; border-bottom: 1px solid rgb(0, 0, 0);><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;><b><em style="font: inherit;">Recognized in Earnings</em></b></p></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; width: 1%;></td><td colspan="2" style="text-align: center; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;><b><em style="font: inherit;">December 31, 2023</em></b></p></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; padding-bottom: 1px; width: 1%;></td></tr><tr style="background-color: rgb(204, 238, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; width: 52%;><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; margin: 0pt;>Hot-rolled coil steel contracts</p></td><td style="text-align: center; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; width: 20%;><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;><em style="font: inherit;">Gain (loss) on economic hedges of risk</em></p></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;></td><td colspan="2" style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;></td></tr><tr><td colspan="5"><table border="0" style="width: 24%; text-align: right; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;>706</td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;></td></tr></tbody></table><p style="font-family: Times New Roman;font-size:10pt;font-variant:normal;margin:0pt;"></p><p style="margin: 0pt; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; text-indent: 27pt; text-align: justify;">The notional amount (quantity) of our derivative instruments <em style="font: inherit;">not</em> designated as hedging instruments at <em style="font: inherit;">December 31, 2024</em> consisted of 4,020 tons of long positions with maturity dates of <em style="font: inherit;">January</em><em style="font: inherit;">2025</em> to <em style="font: inherit;">February</em><em style="font: inherit;">2025</em> and 180 tons of short positions with maturity dates ranging from <em style="font: inherit;">March</em><em style="font: inherit;">2025</em> to <em style="font: inherit;">September</em><em style="font: inherit;">2025</em></p><p style="font-size: 10pt; font-family: &quot;Times New Roman&quot;, Times, serif, margin: 0pt;"></p><p style="margin: 0pt; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; text-indent: 27pt; text-align: justify;">The following tables reflect the change in accumulated other comprehensive income (loss), net of tax, for<span style="background-color: #ffffff">the</span><em style="font: inherit;">nine</em> months ended <em style="font: inherit;">December 31, 2023</em><span style="background-color: #ffffff">(in thousands)</span></p><p style="margin: 0pt; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; text-indent: 27pt; text-align: justify;"></p><p style="margin: 0pt; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"><table cellpadding="0" cellspacing="0" class="finTable" style="margin-right: auto; margin-left: 72pt; width: 80%; font-size: 10pt; font-family: &quot;Times New Roman&quot;, Times, serif; text-indent: 0px;"><tbody><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;"><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><b><em style="font: inherit;">Gain (Loss) on</em></b></p></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td></tr><tr><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td></tr><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><b><em style="font: inherit;">Derivatives</em></b></p></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; padding-bottom: 1px;"></td></tr><tr style="background-color: rgb(204, 238, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; width: 10pt;"></td><td style="font-size: 10pt; width: 10pt;"></td><td colspan="2" style="font-size: 10pt; width: 10pt; margin-left: 0pt;"><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; margin: 0pt;">Balance at March 31, 2023</p></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;"></td><td style="width: 16%; text-align: right; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;"></td></tr><tr><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td></tr><tr style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td colspan="2" style="font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; margin: 0pt 0pt 0pt 9pt;">Other comprehensive income, net of loss, before reclassification</p></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="width: 16%; text-align: right; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt;"></td></tr><tr><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td></tr><tr style="background-color: rgb(204, 238, 255); vertical-align: bottom"><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td><td colspan="2" style="font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);><p style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; font-variant: normal; margin: 0pt 0pt 0pt 9pt;">Total loss reclassified from AOCI (1)</p></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; padding-bottom: 1px;"></td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; padding-bottom: 1px;"></td><td style="width: 16%; text-align: right; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);>317</td><td style="width: 1%; font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"></td></tr><tr><td style="font-family: &quot;Times New Roman&quot;, Times, serif, font-size: 10pt;"></td></
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205797000 13914000 19589000 207452000 225386000 2800000 4633000 120252000 230019000 <p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: left;">NOTE K — REVENUE</p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt;"></p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">Revenue is generated primarily from contracts to manufacture or process steel products. Most of the Company's revenue is generated by sales of material out of the Company's inventory but a portion of the Company's revenue is derived from processing or storage of customer owned material. Generally, the Company's performance obligations are satisfied, control of our products is transferred, and revenue is recognized at a single point in time, when title transfers to our customer for product shipped or when services are provided. Revenues are recorded net of any sales incentives. Shipping and other transportation costs charged to customers are treated as fulfillment activities and are recorded in both revenue and cost of sales at the time control is transferred to the customer. Costs related to obtaining sales contracts are incidental and expensed when incurred. Because customers are invoiced at the time title transfers and the Company's rights to consideration are unconditional at that time, the Company does <em style="font: inherit;">not maintain contract asset balances. Additionally, the Company does <em style="font: inherit;">not maintain contract liability balances, as performance obligations are satisfied prior to customer payment for product. The Company offers industry standard payment terms.</p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;"></p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">The Company has two reportable segments: Flat-Roll and Tubular. Flat-roll primarily generates revenue from cutting to length hot-rolled steel coils. Flat-roll segment revenue consists of <em style="font: inherit;">two product types: Company-Owned Flat-Roll Products and Processing or Storage of Customer-Owned Coil. Tubular primarily generates revenue from selling steel pipe it has manufactured resulting in a single product type: Manufactured Pipe.</p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;"></p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">The following table disaggregates our revenue by product for each of our reportable business segments for the <em style="font: inherit;">three and <em style="font: inherit;">nine months ended <em style="font: inherit;">December 31, 2024 and <em style="font: inherit;">2023, respectively (in thousands):</p><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;"></p><table border="0" cellpadding="0" cellspacing="0" class="finTable" style="width: 100%; font-size: 10pt; font-family: 'Times New Roman', Times, serif; text-indent: 0px;"><tr class="finHeading" style="background-color: rgb(255, 255, 255); vertical-align: bottom;"><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt;"></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt;"></td><td colspan="6" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt;"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Three Months Ended</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt;"></td><td colspan="6" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt;"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Nine Months Ended</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt;"></td><td colspan="6" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt;"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">December 31,</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="6" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">December 31,</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2024</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2023</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2024</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2023</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2024</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2023</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2024</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2023</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2024</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2023</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2024</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">2023</p></td><td style="font-family: 'Times New Roman', Times, serif; font-size: 10pt; padding-bottom: 1px;"></td><td colspan="2" style="text-align: center; font-family: 'Times New Roman', Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: 'Times New Roman', Times, serif; font-size: 10

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Income

Item	Amount
Paid-In	\$8,873
Treasury	\$255
Retained	\$255
Capital	\$255
Stock	\$255
Earnings	\$255
Total	\$255
Net earnings	\$255
Repurchase of shares	\$255

Net earnings

Item	Amount
Repurchase of shares	\$255

Repurchase of shares

Item	Amount
Repurchase of shares	\$255

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Net loss

Paid in capital - restricted stock units

Repurchase of shares

Cash dividends (\$0.04 per share)

BALANCE AT SEPTEMBER 30, 2024

[illegible]

[illegible]

[illegible]

 </

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double rgb(0, 0, 0);">91,605</td><td style="width: 1%; font-family: Times New Roman; font-size: 10pt; padding: 0px 0px 3px; margin: 0px;"></td>
<td style="width: 1%; font-family: Times New Roman; font-size: 10pt; padding: 0px 0px 3px; margin: 0px;"></td><td style="width: 1%; font-family:
"Times New Roman"; font-size: 10pt; padding-top: 0px; padding-right: 0px; padding-left: 0px; margin: 0px; border-bottom: 3px double
rgb(0, 0, 0);">\$</td><td style="width: 9%; text-align: right; font-family: "Times New Roman"; font-size: 10pt; padding-top: 0px; padding-
right: 0px; padding-left: 0px; margin: 0px; border-bottom: 3px double rgb(0, 0, 0);">122,743</td><td style="width: 1%; font-family: Times New
Roman; font-size: 10pt; padding: 0px 0px 3px; margin: 0px;"></td></tr></tbody></table>8873000 0 35247000 -12929000 96284000 127475000 0
0 0 2567000 2567000 0 47000 0 0 47000 0 0 123000 0 123000 0 0 0 279000 279000 8873000 0 35294000 -13052000 98572000
129687000 0 0 675000 -675000 0 0 42000 0 0 42000 0 0 0 11000 0 11000 0 0 0 279000 279000 8873000 0 35336000 -13063000
97618000 128764000 0 0 0 -1152000 -1152000 0 0 32000 0 0 32000 0 0 0 37000 0 37000 0 0 0 278000 278000 8873000 0 35368000
-13100000 96188000 127329000 8869000 -317000 35005000 -7778000 79653000 115432000 0 0 0 7690000 7690000 0 317000 0 0 317000 0 0
78000 0 0 78000 0 0 0 148000 148000 8869000 0 35083000 -7778000 87195000 123369000 0 0 0 3513000 3513000 0 0 78000 0 0 78000 0 0
0 3000 0 3000 0 0 0 148000 148000 8869000 0 35161000 -7781000 90560000 126809000 0 0 0 1184000 1184000 0 0 37000 0 0 37000 0 0
0 5148000 0 5148000 0 0 0 139000 139000 8869000 0 35198000 -12929000 91605000 122743000 <p style="margin: 0pt; font-size: 10pt; font-
family: "Times New Roman"; Times, serif;">NOTE M – OTHER COMPREHENSIVE INCOME</p><p style="font-family: 'Times New
Roman', Times, serif; font-size: 10pt; margin: 0pt; text-align: justify;"></p><p style="font-family: "Times New Roman"; Times, serif; font-
size: 10pt; margin: 0pt; text-align: justify; text-indent: 24.5pt;">The following table summarizes the tax effects on each component of Other
Comprehensive Income for the <em style="font: inherit;">nine months ended <em style="font: inherit;">December 31, 2023 (in
thousands):</p><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin: 0pt; text-align: justify; text-indent:
24.5pt;"></p><table border="0" cellpadding="0" cellspacing="0" class="finTable" style="width: 100%; font-size: 10pt; font-family: "Times
New Roman"; Times, serif; text-indent: 0px;"><tbody><tr class="finHeading" style="background-color: rgb(255, 255, 255); vertical-align:
bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td style="font-family: "Times New
Roman"; Times, serif; font-size: 10pt;"></td><td colspan="10" style="text-align: center; font-family: "Times New Roman"; Times,
serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Nine Months Ended December 31, 2023</p></td><td style="font-family: "Times New Roman"; Times,
serif; font-size: 10pt; padding-bottom: 1px;"></td></tr><tr class="finHeading" style="background-color: rgb(255, 255, 255); vertical-align:
bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="10" style="text-align: center; font-family: "Times New Roman"; Times,
serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Before Tax</p></td><td style="font-family: "Times New Roman"; Times,
serif; font-size: 10pt; padding-bottom: 1px;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times,
serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Tax</p></td><td style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; padding-bottom: 1px;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times,
serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Net-of-Tax</p></td><td style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; padding-bottom: 1px;"></td><td style="font-family: "Times New Roman"; Times, serif; font-size: 10pt;"></td><td colspan="2" style="text-align: center; font-family: "Times New Roman"; Times,
serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"><p style="font-family: "Times New Roman"; Times, serif;
font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;"><em style="font: inherit;">Cash flow hedges</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom:
1px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px
solid rgb(0, 0, 0);"></td><td style="width: 12%; text-align: right; font-family: "Times New Roman"; Times, serif; font-size: 10pt;
margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">418</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif;
font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-
size: 10pt; padding-bottom: 1px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-
left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">\$</td><td style="width: 12%; text-align: right; font-family:
"Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">317</td><td style="width:
1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"></td></tr><tr
style="background-color: rgb(255, 255, 255); vertical-align: bottom"><td style="font-family: "Times New Roman"; Times, serif; font-size:
10pt;"><p style="font-family: "Times New Roman"; Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Other
comprehensive income</p></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding
bottom: 3px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-
bottom: 3px double rgb(0, 0, 0);">\$</td><td style="width: 12%; text-align: right; font-family: "Times New Roman"; Times, serif; font-
size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">418</td><td style="width: 1%; font-family: "Times New Roman"; Times, serif;
font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; padding-bottom: 3px;"></td><td style="width: 1%; font-family: "Times New Roman"; Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">\$</td><td style="width

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~~3800000 The loss reclassified from AOCI is presented net of tax benefits of approximately \$0.1 million which are included in the provision for (benefit from) income taxes on the Company's Consolidated Statement of Operations for the six months ended September 30, 2023.~~