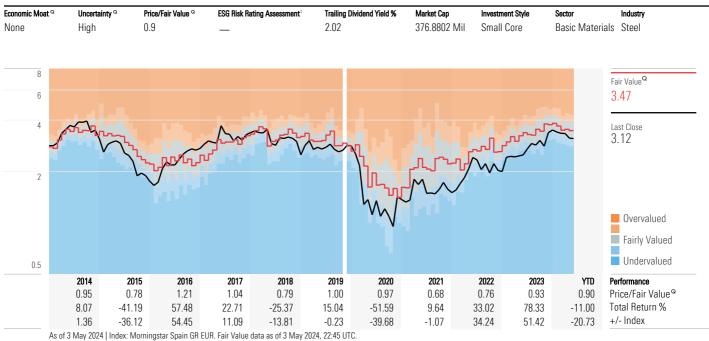
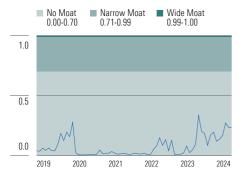
Tubacex SA TUB ★★★ ♀ 3 May 2024, 22:45 UTC



'The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Lee Davidson, Chief Analytics Officer for Morningstar, Inc, oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr. Davidson is guided by the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit http://global.morningstar.com/equitydisclosures.

Key Metrics as of 2 May									
Metrics	Percentile in Sector								
Earnings Yield (%)	9.4	89.0							
Sales Yield (%)	220.0	88.0							
Book Value Yield (%)	63.7	46.0							
Return on Assets (%)*	3.1	71.0							
Revenue(Mil)*	911.1	78.0							
Market Value (Mil)	402.8	70.0							
Enterprise Value (Mil)	753.5	74.0							
EVMV Ratio	1.9	91.0							
Volatility TTM (%)	22.0	15.0							
Drawdown TTM (%)	14.8	10.0							
Volume (K)	175.9	51.0							
*31 Dec 2023			0%	25	50	75	100		

Economic Moat ^QHistory as of 3 May 2024



Business Description

Tubacex SA together with its subsidiaries, manufactures and markets stainless steel and high-nickel alloy tubes and pipes. The company's product portfolio includes hollow bars, steel and fittings products. It primarily serves oil and gas, petrochemical, chemical and power generation industries. It also devotes part of its production to the mechanical industry, aerospace, food, water desalination, electronics, capital goods and new technologies among other industries. Group has its industrial facilities in the Spain, Austria, the United States, Italy, India, and Thailand. Most of the revenue is generated through the sale of goods and rest from the rendering of services.

Valuation ^Qas of 3 May 2024

Morningstar affirms a 3-star quantitative rating for Tubacex. We calculate this outcome using the company's underlying model-driven valuation and uncertainty scores.

The stock's last closing price was 3.12, a discount of 12.48% to its Quantitative Fair Value estimate of 3.57. This discount has ranged between 22.78% and 0.86% over the past year. The stock's price to fair value ratio is at the 73rd percentile in our global equity coverage universe for this methodology and at the 85th percentile relative to its peers in the basic materials sector.

Tubacex furthermore holds a High quantitative uncertainty rating.

The company^Ts quantitative star rating dates to after 07/20/2023, before which it was 4-star. Similarly, the firm's uncertainty rating changed from Very High to High after 05/01/2024.

We examine the financials and market statistics for Tubacex to determine these ratings. Its earnings yield is 9.38% and its annualized trailing 12-month volatility is 22.02%. These fall at the 83rd and 26th percentiles in the equity universe and at the 89th and 15th in the basic materials sector, respectively.

Economic Moat[®] as of 3 May 2024

Morningstar maintains a quantitative moat rating of None on the company. The firm's quantitative moat score of 0.29 sits at the 30th percentile in the basic materials sector. This is a decrease from 0.49, the maximum of its moat scores over the past year. The quantitative financial health rating for Tubacex is Moderate. Its financial health score, termed Distance to Default, sits at the 41st percentile in the universe and 53rd percentile in the sector.

The significant drivers of these ratings are the company's book value yield and enterprise value-tomarket value ratio. The book value yield for Tubacex is 63.69%, and its enterprise value-to-market value ratio is 1.87. They sit at the 53rd and 85th percentile in the global equity universe, respectively.

Fundamentals as of 3 May 2024

Tubacex reports earnings per share of 0.3. Its return on invested capital is 8.61%. The company maintains a dividend yield of 2.01%, paying out 21.54% of earnings. These values are calculated over a trailing 12-month period.

As of last market close, Tubacex has a price-toearnings ratio of 10.67, falling at the 28th percentile in its sector (where a lower percentile means a lower ratio) and ranging between 10.67 and 14.67 over the past year. The company's price-to-free cash flow ratio is 13.73, falling at the 48th percentile in its sector and ranging between 4.64 and 14.81 over the past year.

Contact

Tres Cruces 8, Llodio, — 01400 +34 946719300



Tubacex SA TUB ★★★ Q 3 May 2024, 22:45 UTC



Payout Ratio* 21.5 27.0 Price to Earnings 10.7 28.0 Price to Cash Flow 13.7 48.0 ROIC** 8.6 84.0 0% 25 75 100 50 *30 Apr 2024 **31 Dec 2023



Fair Value^Q 3.47 $\mathsf{Uncertainty}^{\mathbf{Q}}$ High Moderate Last Close 3.12

at a 10% discount. Economic Moat Q None Financial Health $^{\rm Q}$

1-Star Price Q >4.31 5-Star Price Q < 2.79

http://www.tubacex.com

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	Fiscal
547	533	494	490	622	614	461	342	715	852	852	Revenue (Mil)
43.66	-0.36	2.52	-28.26	34.45	9.80	-23.51	-31.12	44.45	80.74	80.74	Operating Income (Mil)
7.99	-0.07	0.51	-5.76	5.54	1.6	-5.1	-9.1	6.22	9.47	9.47	Operating Margin (%)
23.76	8.41	0.51	-19.71	17.39	11.15	-25.30	-32.21	20.23	36.33	36.33	Net Income (Mil)
0.18	0.07	0.00	-0.15	0.13	0.11	-0.20	-0.26	0.16	0.29	0.29	Diluted Earnings/Share
69.58	62.21	49.94	2.21	-15.74	83.51	-8.83	-23.93	87.61	91.15	91.15	Operating Cash Flow (Mil
-25	-27	-37	-36	-30	-64	-25	-27	-27	-63	-63	Capital Spending (Mil)
44	35	13	-34	-45	20	-33	-51	61	28	28	Free Cash Flow (Mil)
130	130	130	130	132	133	131	127	124	124	124	Avg Shares Outstand(Mil
uation a	s of 3 Ma	y 2024									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar
0.95	0.78	1.21	1.04	0.79	1.00	0.97	0.68	0.76	0.93	0.90	Price/Fair Value Q
	0.40	0.70	0.00	0 5 1	0.00	0.00	0.50	0.00	0 5 1	0 45	Duine (Cales

-	.00	0.70		1.04	0.75	1.00	0.57	0.00	0.70	0.00	0.00		
C	.74	0.40	0.73	0.88	0.51	0.58	0.33	0.52	0.39	0.51	0.45	Price/Sales	
14	.68	11.98	_	_	_	30.08	-	_	17.59	14.03	10.65	Price/Earnings	
4	.62	5.72	9.99	—	6.62	—	11.04	_	5.24	4.29	4.24	Price/Cash Flow	
1	.44	0.78	1.24	1.57	1.22	1.28	0.67	0.87	1.04	1.77	1.57	Price/Book	
Opera	ting Pe	erforman	ce as of 3	May 202	4 (Fiscal	Year End	31 Dec 20)19)					

Uperating Performance as of 3 May 2024 (Fiscal Year End 31 Dec 2019)												
2015	2016	2017	2018	2019	2020	2021	2022	2023	03	Fiscal (%)		
1.08	0.06	-2.24	1.83	1.07	-2.38	-3.1	1.84	3.06	0.72	Return on Assets		
2.95	0.18	-7.25	6.54	3.97	-9.58	-14.7	9.66	15.74	3.56	Return on Equity		
2.97	0.96	-2.15	4.36	2.79	-1.82	-2.85	5.18	8.61	1.21	Rtn on Invested Capital		
	2015 1.08 2.95	201520161.080.062.950.18	2015 2016 2017 1.08 0.06 -2.24 2.95 0.18 -7.25	2015 2016 2017 2018 1.08 0.06 -2.24 1.83 2.95 0.18 -7.25 6.54	2015 2016 2017 2018 2019 1.08 0.06 -2.24 1.83 1.07 2.95 0.18 -7.25 6.54 3.97	2015 2016 2017 2018 2019 2020 1.08 0.06 -2.24 1.83 1.07 -2.38 2.95 0.18 -7.25 6.54 3.97 -9.58	2015 2016 2017 2018 2019 2020 2021 1.08 0.06 -2.24 1.83 1.07 -2.38 -3.1 2.95 0.18 -7.25 6.54 3.97 -9.58 -14.7	2015 2016 2017 2018 2019 2020 2021 2022 1.08 0.06 -2.24 1.83 1.07 -2.38 -3.1 1.84 2.95 0.18 -7.25 6.54 3.97 -9.58 -14.7 9.66	2015 2016 2017 2018 2019 2020 2021 2022 2023 1.08 0.06 -2.24 1.83 1.07 -2.38 -3.1 1.84 3.06 2.95 0.18 -7.25 6.54 3.97 -9.58 -14.7 9.66 15.74	2015 2016 2017 2018 2019 2020 2021 2022 2023 03 1.08 0.06 -2.24 1.83 1.07 -2.38 -3.1 1.84 3.06 0.72 2.95 0.18 -7.25 6.54 3.97 -9.58 -14.7 9.66 15.74 3.56		

Dividends as of 3 May 2024												
2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar (%)		
0.07	0.03	_	_	0.05	_	_	_	0.06	0.06	Dividend Per Share		
4.18	0.95	—	_	1.63	_	_	_	_	2.02	Trailing Dividend Yield		
_	—	—	_	_	_	_	—	-	1.52	Buyback Yield		
(2015 0.07	2015 2016 0.07 0.03	2015 2016 2017 0.07 0.03 —	2015 2016 2017 2018 0.07 0.03 — —	2015 2016 2017 2018 2019 0.07 0.03 - - 0.05	2015 2016 2017 2018 2019 2020 0.07 0.03 - 0.05	2015 2016 2017 2018 2019 2020 2021 0.07 0.03 - - 0.05 - -	2015 2016 2017 2018 2019 2020 2021 2022 0.07 0.03 - - 0.05 - - -	2015 2016 2017 2018 2019 2020 2021 2022 2023 0.07 0.03 - - 0.05 - - 0.06	2015 2016 2017 2018 2019 2020 2021 2022 2023 Current 0.07 0.03 - - 0.05 - - 0.06 0.06 4.18 0.95 - - 1.63 - - - 2.02		



Appendix

Economic Moat	Economic Moat ^Q History as of 3 May 2024 (No Moat: 0.00-0.70, Narrow Moat: 0.70-0.99, Wide Moat: 0.99-1.00)														
Year	January	February	March	April	May	June	July	August	September	October	November	December			
2024	0.12	0.14	0.17	0.27	0.24	_	_	_	_	_	_	_			
2023	0.01	0.02	0.08	0.03	0.05	0.09	0.33	0.20	0.18	0.09	0.17	0.20			
2022	0.02	0.01	0.01	0.05	0.08	0.15	0.09	0.13	0.04	0.13	0.01	0.01			
2021	0.02	0.03	0.02	0.01	0.01	0.02	0.01	0.00	0.02	0.02	0.01	0.01			
2020	0.28	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.05	0.02	0.02			
2019	0.04	0.04	0.06	0.04	0.06	0.04	0.04	0.09	0.18	0.13	0.19	0.16			



Quantitative Equity Report Overview

The quantitative report on equities consists of data, statistics and quantitative equity ratings on equity securities. Morningstar, Inc.'s quantitative equity ratings are forward looking and are generated by a statistical model that is based on Morningstar Inc.'s analyst-driven equity ratings and quantitative statistics. Given the nature of the quantitative report and the quantitative ratings, there is no one analyst in which a given report is attributed to; however, Mr. Lee Davidson, Head of Quantitative Research for Morningstar, Inc., is responsible for overseeing the methodology that supports the quantitative equity ratings used in this report. As an employee of Morningstar, Inc., Mr. Davidson is guided by Morningstar, Inc.'s Code of Ethics and Personal Securities Trading Policy in carrying out his responsibilities.

Quantitative Equity Ratings

Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings).

The Quantitative Ratings are calculated daily and derived from the analystdriven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to http://global.morningstar.com/ equitydisclosures for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

Narrow – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

Wide – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

None – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

- ★ the stock is overvalued with a reasonable margin of safety. Log (Quant FVE/Price) < -1*Quantitative Uncertainty Micro-Caps: Log (Quant FVE/Price) < -1.5*Quantitative Uncertainty</p>
- ★★ the stock is somewhat overvalued.

Log (Quant FVE/Price) between (-1*Quantitative Uncertainty, -0.5*Quantitative Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (-1.5*Quantitative Uncertainty, - 0.75*Quantitative Uncertainty)

 $\star \star \star$ – the stock is approximately fairly valued.

Log (Quant FVE/Price) between (-0.5*Quantitative Uncertainty, 0.5*Quantitative Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (-0.75*Quantitative Uncertainty, 0.75*Quantitative Uncertainty)

 $\star \star \star \star$ – the stock is somewhat undervalued.

Log (Quant FVE/Price) between (0.5*Quantitative Uncertainty, 1*Quantitative

Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (0.75*Quantitative Uncertainty, 1.5*Quantitative Uncertainty)

★★★★★ - the stock is undervalued with a reasonable margin of safety. Log (Quant FVE/Price) > 1*Quantitative Uncertainty Micro-Caps: Log (Quant FVE/Price) > 1.5*Quantitative Uncertainty

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10% Medium – the interquartile range for possible fair values is less than 15% but greater than 10%

High – the interquartile range for possible fair values is less than 35% but greater than 15%

 $Very\ High\ -$ the interquartile range for possible fair values is less than 80% but greater than 35%

 $\ensuremath{\textit{Extreme}}\xspace -$ the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak – assigned when Quantitative Financial Health < 0.2

Strong - assigned when Quantitative Financial Health > 0.7

Other Definitions

i. Last Close – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation**– Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

Undervalued – Last Price is below Morningstar's quantitative fair value estimate.

Farily Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Farily Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Overvalued – Last Price is above Morningstar's quantitative fair value estimate.

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Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score. Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

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of unmanaged ESG risk across all subindustries covered.

The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit sustainalytics.com/esg-ratings/

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