

Steel



Methodology and price
specifications – November 2019

Mission statement

Fastmarkets is a leading commodity price reporting agency (PRA) covering the metals, mining, minerals and forest products industries. Our products include Fastmarkets MB, Fastmarkets AMM, Fastmarkets IM, Fastmarkets RISI, Fastmarkets FOEX and Random Lengths. For more than 100 years we have been providing commodities price reporting services for use by market participants in their day-to-day commercial activities. These services include assessments and indices of commodity prices as well as news, research and commentary on the underlying markets.

Our mission is to meet the market's data requirements honestly and independently, acting with integrity and care to ensure that the trust and confidence placed in the reliability of our pricing methodologies is maintained. We do not have a vested interest in the markets on which we report.

Introduction

Fastmarkets AMM is the leading independent supplier of market intelligence, pricing, assessments, analysis and commentary to the North American metals industries. Fastmarkets AMM publishes widely used reference prices for non-ferrous metals, steel and scrap markets.

Fastmarkets AMM is completely independent and has no vested commercial interest in any of the markets it prices.

Fastmarkets AMM's reporters are required to follow a Code of Conduct.

Fastmarkets AMM reporters are required to follow robust pricing procedures during their market reporting and pricing activities.

All work by Fastmarkets AMM reporters is peer reviewed and approved prior publication by senior reporters.

All prices and assessments are based on regular contact with a wide variety of market participants, a group which is reviewed periodically by senior editors to ensure a balance of participants, buyers, sellers and others legitimately and actively involved in the marketplace.

Fastmarkets AMM treats all communications of price, assessments, contract details and all other information as confidential and details are never shared with third parties.

If you have any questions, please contact the pricing administrator, pricing@fastmarkets.com.

Price discovery and methodology

Methodology rationale

Fastmarkets AMM produces independent, fair and representative price assessments and indices of steel, steelmaking raw materials and ferrous scrap prices on a daily, bi-weekly, weekly or monthly basis.

Fastmarkets AMM's rationale is to adopt and develop the price discovery process and methodology described in this guide to produce assessments that are a consistent and representative indicator of value of the market to which they relate for the trading period they cover.

Fastmarkets AMM's reporters are charged with speaking to a broad sample of market participants closely or specifically involved in the buying and selling of the metal of interest. Representatives of this market, may include both sides of known contract(s), may include producers, consumers, traders and brokers.

The reporters' goal is to discover as many details as possible of all market activity including concluded business, made offers, and received bids or prices quotes over a certain defined period – generally the period since the conclusion of the previous quotation.

Pricing data is usually collected via phone conversations and email exchanges with market participants; all the relevant pricing details are entered into the Fastmarkets AMM pricing database and available for peer review.

Fastmarkets AMM follows industry convention for all price points, assessments and indexes. Reporters ensure that the information they receive matches these conventions.

Occasionally Fastmarkets AMM might receive price data for material where a transaction, contract, reported bid, offer or quote may differ in some element from convention – for instance, non-standard material quality, delivery terms or delivery location, cargo size or payment terms. In such cases Fastmarkets AMM normalizes the data.

Fastmarkets AMM does not use volume/quantity/tonnage weighted averages and will not use information that is suspect or from an anonymous source(s) who refuse to detail and verify their involvement in the industry.

At the end of a pricing session, Fastmarkets AMM reporters will collate information received and review it before setting a price or assessment. In some cases, it will set a price range, to reflect the spread of prices at which business has been transacted, offered or bid. In other cases it will specify as single number, midpoint, or index which is compiled from single numbers and/or ranges.

While Fastmarkets AMM does not use volume/quantity/tonnage weighted averages, it does use weighting in that greater importance is given to actual and/or concluded transaction data. Depending on market liquidity, it is not always possible to obtain actual transaction data; in such cases, Fastmarkets AMM reserves the right to base its prices on also on bids, offers and assessments and the context of related benchmarks and/or analogous transactions, bids, offers and assessments to inform any or no directional change in pricing.

When required, particularly in instances where a market moves dramatically, Fastmarkets AMM seeks to confirm all information on deals either by requesting a signed copy of the contract; we also accept other materials as evidence of claimed deals and reserve the right to check deal information with the counterparty, middleman, trader or other knowledgeable participant.

Fastmarkets AMM uses its expert judgment and applies consistent procedures to exclude outlying numbers and discard prices that it believes may be questionable, unrepeatable or otherwise unrepresentative of current market conditions.

All price assessment inputs are gathered by one or more reporters who cover that/those specific market(s). Prices are reviewed and approved by a senior reporter or editor (all of whom have access to the first reporter's or reporters' documentation) prior to publication. In this way Fastmarkets AMM ensures consistency in the application of the methodology and the exercising of judgement.

In the event that no relevant data has been reported in the assessed period, for example as a result of holidays, Fastmarkets AMM reserves the right to roll the price over.

Unless stated otherwise, the usual data collection deadline for most Fastmarkets AMM prices is 4pm New York time on the day the price is scheduled to be updated, with prices to be published by 5pm.

Methodology and price specification review process

Fastmarkets AMM continually develops and revises its methodologies in consultation with industry participants. If there are changes in the industry, Fastmarkets AMM will revise or adopt product specifications, trading terms, conditions or other factors that reflect and are representative of typical working practices in the industry. All methodologies, changes, revisions, adaptations or other are approved by Fastmarkets AMM's Editor and senior management.

Please note that changes to the methodology and/or details affecting the price are implemented following a formal consultation process which starts with Fastmarkets AMM publishing an advance pricing notice on its website – and/or in its daily issue – providing clear details and a timeframe for the change proposed.

Fastmarkets AMM concurrently reaches out to known participants in the specific market for feedback, comment and suggestions. The objective of the consultation process is to give market participants sufficient time and opportunity to provide feedback. Fastmarkets AMM will consider all views about the change proposed, but reserves the right to make changes it deems necessary.

Calculation of monthly average prices

Fastmarkets produces independent, fair and representative price assessments and indices of ferrous, non-ferrous and scrap metal prices on a daily, biweekly, weekly, bi-monthly or monthly basis.

Fastmarkets calculates and publishes monthly averages based on these independent, proprietary assessments and indices in two distinct ways: simple averages and rolling averages.

Simple average

Fastmarkets' simple monthly averages, traditionally published by Fastmarkets MB, are calculated by dividing the sum of the price quotations by the number of quotations published during the calendar month. For assessments, Fastmarkets derives both the monthly average high price and the Fastmarkets monthly average low price using this method. For indices, a single monthly average price point is calculated.

For example, there were five weekly price quotations for Chrome Ore South Africa UG2 concentrates index basis 42% cif China, \$ per tonne during the month of June 2018. Prices were published each Friday from June 1, 2018, with the assessments reading \$206 per tonne, \$208 per tonne, \$210 per tonne, \$211 per tonne and \$208 per tonne during the period. The simple monthly average is calculated by taking the sum of the five assessments and dividing that by the number of total assessments over the period - in this case, five. The simple monthly average for June 2018 was \$208.60 per tonne.

Most prices produced outside of the Americas are typically calculated on a simple-average basis.

Rolling average

Fastmarkets' rolling monthly averages, traditionally published by Fastmarkets AMM, are calculated by dividing the sum of the daily price quotations by the number of the quotations published during the calendar month. In a rolling average scenario, prices are published on a daily basis, regardless of how frequently they are updated. Daily price quotations are rolled for working days until the following price change, excluding holidays and weekends. No pricing input is published on holidays or weekends.

For example, there were five weekly price quotations for Chrome Ore South Africa UG2 concentrates index basis 42% cif China, \$ per tonne during the month of June 2018, with the first price update made on Friday, June 1. According to Fastmarkets' calculation, the price assessment from Friday is rolled over and republished on the Monday, Tuesday, Wednesday and Thursday of the following week, with the newly updated price published each Friday. The rolling monthly average is then calculated by taking the sum of all daily published prices and dividing it by the 21 total inputs over the period. The rolling monthly average price for June 2018 is therefore \$208.71 per tonne.

Most prices produced from the Americas are typically calculated on a rolling-average basis.

Flat steel

Steel coil and sheet

Index: **FOB US Midwest HRC Index**
Gauge: 0.09 inch-0.38 inch thick x 48-72 inches wide.
Quality: ASTM A1011 Commercial Steel and corresponding grades
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 50 tons
Publication: Daily by 5pm New York time.
Notes: Standard packaging, raw materials surcharges included
 See separate HRC index methodology.

Assessment: **Cold-rolled coil and sheet (Class 1)**
Gauge: 0.03 inch – 0.13 inch thick x 48-72 inches wide.
Quality: ASTM A1008 Commercial Steel and corresponding grades
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 500 tons
Packaging: Standard
Publication: Weekly, Thursday
Notes: Raw materials surcharges included

Assessment: **Hot-dipped galvanized**
Gauge: 0.03 inch – 0.13 inch thick x 48-72 inches wide.
Quality: ASTM A653 Commercial Steel and corresponding grades
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 500 tons
Packaging: Standard
Publication: Weekly, Thursday
Notes: Raw materials surcharges included;
 G90 coating included

Assessment: **Hot-dipped galvanized (base price)**
Gauge: 0.03 inch – 0.13 inch thick x 48-72 inches wide.
Quality: ASTM A653 Commercial Steel and corresponding grades
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 500 tons
Packaging: Standard
Publication: Weekly, Thursday
Notes: Raw materials surcharges included

Assessment: **Galvalume***
Gauge: 0.03 inch– 0.13 inch thick x 40-61.50 inches wide.
Quality: ASTM A792 Commercial Steel and corresponding grades
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 500 tons
Packaging: Standard
Publication: Monthly, third Tuesday
Notes: Raw materials surcharges included.
 Coating extras excluded.

** Galvalume® is a registered trademark of BIEC International Inc.*

Assessment: **Aluminized (Type 1)**
Gauge: 0.03 inch – 0.13 inch thick x 48-72 inches wide.
Quality: ASTM A463 and corresponding grades
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 500 tons.
Packaging: Standard
Publication: Monthly, third Tuesday
Notes: Raw materials surcharges included

Steel plate

Assessment: Carbon Grade Cut-to-Length
Gauge: 0.1875 inch – 2 inch thick x 48-72 inches wide x 96-288 inches long.
Quality: ASTM A36 Commercial Steel and corresponding grades
Location: FOB mill
Unit: USD per hundredweight
Quantity: 1,000 tons.
Packaging: Standard
Publication: Weekly, Friday
Notes: Raw materials surcharges included

Assessment: Carbon Grade Coiled
Gauge: 0.1875 inch – 1 inch thick x 48-72 inches wide.
Quality: ASTM A36 Commercial Steel and corresponding grades
Location: FOB mill
Unit: USD per hundredweight
Quantity: 1,000 tons.
Packaging: Standard
Publication: Weekly, Friday
Notes: Raw materials surcharges included

Assessment: 2 x 2 x ¼" angle
Quality: ASTM A36
Gauge: 2 inch x 2 inch x ¼ inch thick
Location: FOB mill
Unit: USD per hundredweight
Quantity: 20 tons
Publication: Monthly, last Friday
Notes: Raw materials surcharges included

Assessment: 3 x 3 x ¼" angle
Gauge: 3 inch x 3 inch x ¼ inch thick
Quality: ASTM A36
Location: FOB mill
Unit: USD per hundredweight
Quantity: 20 tons
Publication: Monthly, last Friday
Notes: Raw materials surcharges included

Assessment: 8 x 11.5 channels
Quality: ASTM A36
Gauge: Depth: 8 inch Weight: 11.5 pounds per foot
Location: FOB mill
Unit: USD per hundredweight
Quantity: 20 tons
Publication: Monthly, last Friday
Notes: Raw materials surcharges included

Long steel

Bar products

Assessment: Reinforcing bar
Quality: Grade 60, No. 5. ASTM A615 and equivalent.
Gauge: 0.625 inches in diameter 20-40 foot lengths
Location: FOB Midwest mill
Unit: USD per hundredweight
Quantity: 500 tons
Publication: Twice a Month. First and third Wednesday
Notes: Raw materials surcharges included

Assessment: ½ x 4" flat
Dimensions: ½ inch thick x 4 inches wide
Quality: ASTM A36
Location: FOB mill
Unit: USD per hundredweight
Quantity: 20 tons
Publication: Monthly, last Friday
Notes: Raw material surcharges included

Assessment: Cold-finished, 1" round, 1018 (carbon)
Dimensions: 1-inch round diameter, standard lengths 20 to 40 feet
Quality: Carbon 0.15-0.20%, manganese 0.60-0.90%, silicon 0.15-0.30%
Unit: USD per hundredweight
Location: FOB mill
Quantity: 10 tons
Publication: Monthly, second Friday
Notes: Raw materials surcharges included

Assessment: Cold-finished, 1" round, 12L14 (carbon)
Dimensions: 1-inch round diameter, standard lengths 20 to 40 feet
Quality: Carbon max. 0.15%, manganese 0.85-1.15%, lead 0.15-0.35%, sulfur 0.26-0.35%, phosphorous 0.04-0.09%
Location: FOB mill
Unit: USD per hundredweight
Quantity: 10 tons
Publication: Monthly, second Friday
Notes: Raw materials surcharges included

Assessment: Cold-finished, 1" round, 4140 (alloy)
Dimensions: 1-inch round diameter, standard lengths 20 to 40 feet
Quality: Carbon 0.38-0.43%, manganese 0.75-1.00%, silicon 0.15-0.30%, molybdenum 0.15-0.25%, chromium 0.80-1.00%, phosphorous max. 0.35%, sulfur max. 0.40%.
Location: FOB mill
Unit: USD per hundredweight
Quantity: 10 tons
Publication: Monthly, second Friday
Notes: Raw materials surcharges included

Assessment: Hot-rolled (special bar quality), 1" round, 1000 series (carbon)
Dimensions: 1-inch round diameter, standard lengths 20 to 40 feet
Quality: ASTM A108 to ASTM 1080; AISI commercial quality includes 1018, 1020. AISI medium carbon: 1044, 1045.
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10 tons
Publication: Monthly, second Friday
Notes: Raw materials surcharges included

Assessment: Hot-rolled (special bar quality), 1" round, 4100 series (alloy)
Quality: Carbon 0.10-0.40%, silicon 0.25%, manganese 0.85%, chromium 1.00%, molybdenum 0.25%
Gauge: 1-inch round diameter, standard lengths 20 to 40 feet
Location: FOB mill
Unit: USD per hundredweight
Quantity: 10 tons
Publication: Monthly, second Friday
Notes: Raw materials surcharges included

Wire rod

Assessment: Industrial quality low carbon wire rod
Quality: Up to 0.22% carbon content
Gauge: 7/32 to 3/8 inch outside diameter
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 100 tons
Publication: Once a month, third Tuesday
Notes: Raw materials surcharges included

Assessment: High carbon wire rod
Quality: Above 0.45% carbon content
Gauge: 7/32 to 3/8 inch outside diameter
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 100 tons
Publication: Once a month, third Friday
Notes: Raw materials surcharges included

Assessment: Cold-heading quality wire rod
Unit: USD per hundredweight
Location: DDP Great Lakes region
Publication: Once a month, third Friday
Quality: Between 0.22% and 0.45% carbon content.
Gauge: 7/32 to 3/8 inch outside diameter
Quantity: 100 tons
Notes: Raw materials surcharges included

Import prices

Steel coil and sheet

Assessment: **Hot-rolled sheet, import**
 Quality: Commercial-quality hot-rolled steel in coils within standard tolerances. ASTM 1011 and equivalent.
 Gauge: 0.09-0.187 inch thick x 48-72 inches wide.
 Location: CFR Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Every two weeks, Wednesday

Assessment: **Cold-rolled sheet, import**
 Quality: Commercial-quality cold-rolled steel in coils within standard tolerances. ASTM A1008 and equivalent.
 Gauge: 0.028-0.13 inch thick x 48-72 inches wide.
 Location: CFR Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Every two weeks, Wednesday

Assessment: **Hot-dipped galvanized, import**
 Quality: Commercial-quality galvanized sheet within standard tolerances. ASTM A653 and equivalent.
 Gauge: 0.012-0.015 inch thick x 48-60 inches wide.
 Location: CFR Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Every two weeks, Wednesday
 Notes: G30 coating included

Assessment: **Plate, import**
 Quality: Commercial-quality plate within standard tolerances. ASTM A36 and equivalent.
 Gauge: 3-6 inches thick x 48-72 inches wide
 Location: CFR Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Every two weeks, Wednesday

Bar products

Assessment: **Reinforcing bar, import**
 Quality: Commercial-quality reinforcing bars within standard tolerances. ASTM A615 and equivalent.
 Gauge: 0.028-0.13 inch thick x 48-72 inches wide.
 Location: CFR Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Twice a Month. First and third Wednesday

Assessment: **Merchant bar, import**
 Quality: Commercial-quality steel angle within standard tolerances. ASTM A36 and equivalent.
 Gauge: ¼ inch thick x 2 inches wide x 2 inches deep angle.
 Location: DDP Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Monthly, last Friday

Wire rod

Assessment: **Wire rod, import**
 Quality: Commercial-quality steel wire rod within standard tolerances. ASTM A510 and equivalent.
 Gauge: 5.0mm-19 mm thick. Cross section 0.22-0.56 inches. Other dimensions normalized.
 Location: DDP Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Once a month, third Tuesday

Beams

Assessment: **Beams, import**
Quality: Commercial-quality steel beams within standard tolerances. ASTM A36 and A572 or equivalent.
Gauge: Web size 6-24 inches by 5 ¼ foot.
Location: DDP Port of Houston
Unit: USD per short ton
Quantity: 500 tons
Publication: Once a month, last Thursday

Assessment: **Steel beams W8x8**
Quality: ASTM 992/ASTM A572-50
Gauge: Wide-flange, 8 inches x 8 inches
Location: FOB US mill
Unit: USD per hundredweight
Price Type: Assessment
Quantity: 100 tons
Publication: Once a month, last Thursday
Notes: Raw materials surcharges included

Stainless steel

Coil and sheet

Assessment: **Coiled plate 304:**
Quality: Nickel 8.00-12.00%, chromium max. 17.50-20.00%, manganese max. 2.00%, carbon max. 0.08%
Gauge: ¼-inch thick, 60-inches wide
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 20 tons
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Coiled plate 304L:**
Quality: Nickel 8.00-12.00%, chromium max. 17.50-20.00%, manganese max. 2.00%, carbon max. 0.03%
Gauge: ¼-inch thick, 60-inches wide
Unit: USD per hundredweight
Location: FOB US mill
Quantity: 20 tons
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Coiled plate 316/316L**
Grade: Nickel 10.00-14.00%, chromium 16.00-18.00%, molybdenum 2.00-3.00%, manganese max. 2.00%, carbon max. 0.08%
Gauge: ¼-inch thick, 60-inches wide
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 20 tons
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Cold-rolled sheet 304**
Quality: Nickel 8.00-12.00%, chromium max. 17.50-20.00%, manganese max. 2.00%, carbon max. 0.08%
Gauge: 14-gauge (2mm) thick, 2B finish, 48-wide
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10 tons
Publication: Monthly
Notes: Raw materials surcharges included

Assessment: **Cold-rolled sheet 304L**
Quality: Nickel 8.00-12.00%, chromium max. 17.50-20.00%, manganese max. 2.00%, carbon max. 0.03%
Gauge: 14-gauge (2mm) thick, 2B finish, 48-wide
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10 tons
Publication: Monthly
Notes: Raw materials surcharges included

Assessment: **Cold-rolled sheet 316L**
Quality: Nickel 10.00-14.00%, chromium 16.00-18.00%, molybdenum 2.00-3.00%, manganese max. 2.00%, carbon max. 0.03%
Gauge: 14-gauge (2mm) thick, 2B finish, 48-wide
Unit: USD per hundredweight
Location: FOB US mill
Quantity: 10 tons
Publication: Monthly
Notes: Raw materials surcharges included

Stainless bar

Assessment: **Bar 303**
Quality: Nickel 8.00-10.00%, chromium 17.00-19.00%, manganese 2.00%, carbon 0.15%
Gauge: 1-inch smooth-turned round bar
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10,000 lbs bundles
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Bar 304:**
Gauge: 1-inch smooth-turned round bar
Location: FOB US mill
Unit: USD per hundredweight
Chemistry: Nickel 8.00-10.50%, chromium 18.00-20.00%, manganese 2.00%, silicon 1.00%
Quantity: 10,000 lbs bundles
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Bar 316**
Quality: Nickel 10.00-14.00%, chromium 16.00-18.00%, manganese 2.00%, silicon 1.00%
Gauge: 1-inch smooth-turned round bar
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10,000 lbs bundles
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Bar 416**
Gauge: 1-inch smooth-turned round bar
Chemistry: Chromium 12.00-14.00%, manganese 1.25%, silicon 1.00%
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10,000 lbs bundles
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Assessment: **Bar 17Cr4Ni**
Quality: Nickel 3.00-5.00%, chromium 15.00-17.50%, copper 3.00-5.00%
Gauge: 1-inch smooth-turned round bar
Location: FOB US mill
Unit: USD per hundredweight
Quantity: 10,000 lbs bundles
Publication: Monthly, 10th or next business day
Notes: Raw materials surcharges included

Steel tube & pipe

Assessment: Domestic hollow sections
Quality: ASTM A500, Grade B
Gauge: 4 inches x 4 inches x 3/16 inch gauge, 42 foot, hot-rolled bare
Location: FOB US mill
Unit: USD per short ton
Quantity: 100 tons
Publication: Weekly, Thursday
Notes: Raw materials surcharges included

Assessment: Import hollow sections
Quality: ASTM A500, Grade B
Gauge: 4 inches x 4 inches x 3/16 inch gauge, 42 foot, hot-rolled bare
Location: ddp US port of entry
Unit: USD per short ton
Quantity: 100 tons
Publication: Monthly, second Tuesday
Notes: Raw materials surcharges included

Assessment: Welded mechanical tubing
Quality: ASTM A513
Gauge: 1 inch x 1 inch x 16 gauge, 20 - 24 foot, hot-rolled bare
Location: FOB US mill
Unit: USD per short ton
Quantity: 100 tons
Publication: Monthly, Second Tuesday
Notes: Raw materials surcharges included

Assessment: ERW standard pipe A53 grade A
Quality: A53 grade A
Gauge: 3.5-inch outside diameter x .216 wall thickness
Location: FOB US mill
Unit: USD per short ton
Quantity: 100 tons
Publication: Monthly, Second Tuesday
Notes: Raw materials surcharges included

Assessment: Import standard pipe A53 grade A
Dimensions: 3.5-inch outside diameter x .216 wall thickness
Quality: A53 grade A
Location: CIF Port of Houston
Unit: USD per short ton
Quantity: 100 tons
Publication: Monthly, Second Tuesday
Notes: Raw materials surcharges included

Assessment: ERW standard pipe A53 grade B
Quality: A53 grade B
Gauge: 3.5-inch outside diameter x .216 wall thickness
Location: FOB US mill
Unit: USD per short ton
Quantity: 100 tons
Publication: Monthly, Second Tuesday
Notes: Raw materials surcharges included

Assessment: Import ERW standard pipe A53 grade B
Quality: A53 grade B
Gauge: 3.5-inch outside diameter x .216 wall thickness
Unit: USD per short ton
Location: CIF Port of Houston
Quantity: 100 tons
Publication: Monthly, Second Tuesday
Notes: Raw materials surcharges included

Assessment: Domestic ERW line pipe (X42) ***discontinued**
Quality: API 5LB
Location: FOB US mill
Unit: USD per short ton
Quantity: 100 tons
Publication: Monthly, Last Tuesday
Notes: Raw materials surcharges included

Assessment: Import ERW line pipe (X42) ***discontinued**
Quality: API 5LB
Location: CIF Port of Houston
Unit: USD per short ton
Quantity: 200 tons
Publication: Monthly, Last Tuesday
Notes: Raw materials surcharges included

Assessment: **Domestic ERW linepipe (X52)**
 Quality: API 5LB
 Gauge: 8-16 inch outside diameter
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 250 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Domestic ERW line pipe (X70)**
 Quality: API 5L
 Gauge: 20 inch and greater outside diameter
 Location: fob US mill
 Unit: Dollars per short ton
 Quantity: Minimum 250 tons
 Publication: Monthly, last Tuesday
 Notes: Raw material surcharges include

Assessment: **Import ERW linepipe (X52)
South Korean-made**
 Quality: API 5LB
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **OCTG - casing J/K55**
 Quality: API 5CT, BTC connection
 Gauge: 9.625-inch diameter, 40 pounds per foot
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import ERW linepipe (X52)
non-South Korean-made**
 Quality: API 5LB
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import OCTG - casing J/K55
South Korean-made**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Domestic ERW line pipe (X60)
*discontinued**
 Quality: API 5L
 Gauge: 20 inches and greater outside diameter
 Location: fob US mill
 Unit: Dollars per short ton
 Quantity: Minimum 250 tons
 Publication: Monthly, last Tuesday
 Notes: Raw material surcharges included

Assessment: **Import OCTG - casing J/K55
non-South Korean-made**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Domestic ERW line pipe (X65)**
 Quality: API 5L
 Gauge: 20 inch and greater outside diameter
 Location: fob US mill
 Unit: Dollars per short ton
 Quantity: Minimum 250 tons
 Publication: Monthly, last Tuesday
 Notes: Raw material surcharges included

Assessment: **Seamless OCTG - casing N80 *discontinued**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 100 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import seamless OCTG - casing N80 *discontinued**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Seamless OCTG - casing L80 *discontinued**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 100 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import seamless OCTG - casing L80 *discontinued**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Welded OCTG - casing L80 *discontinued**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: FOB US mill Unit: USD per short ton
 Quantity: 100 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import welded OCTG - casing L80 *discontinued**
 Quality: API 5CT
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 200 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Seamless OCTG - casing HC P110**
 Quality: API 5CT, semi-premium connection
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Welded OCTG - casing HC P110**
 Quality: API 5CT, semi-premium connection
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import seamless OCTG - casing HC P110**
 Quality: API 5CT, plain end
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Cold-drawn seamless mechanical *discontinued**
 Quality: ASTM A519
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 20 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import welded OCTG - casing HC P110**
 Quality: API 5CT, plain end
 Gauge: 5.5-inch diameter, 20 pounds per foot
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 500 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Seamless linepipe *discontinued**
 Quality: API 5LB
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 100 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Import seamless line pipe**
 Quality: API 5LB
 Gauge: 4-8-inch outside diameter
 Location: CIF Port of Houston
 Unit: USD per short ton
 Quantity: 100 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Assessment: **Seamless mechanical *discontinued**
 Quality: ASTM A519, hot-rolled carbon
 Location: FOB US mill
 Unit: USD per short ton
 Quantity: 20 tons
 Publication: Monthly, Last Tuesday
 Notes: Raw materials surcharges included

Contacts

Thorsten Schier

Managing Editor, Americas

+1 646 274 6240

tschier@fastmarkets.com

Grace Lavigne Asenov

North American Steel Editor

+1 212 224 3908

grace.asenov@fastmarkets.com

DISCLAIMER - IMPORTANT PLEASE READ CAREFULLY

This Disclaimer is in addition to our Terms and Conditions as available on our website and shall not supersede or otherwise affect these Terms and Conditions. Prices and other information contained in this publication have been obtained by us from various sources believed to be reliable. This information has not been independently verified by us. Those prices and price indices that are evaluated or calculated by us represent an approximate evaluation of current levels based upon dealings (if any) that may have been disclosed prior to publication to us. Such prices are collated through regular contact with producers, traders, dealers, brokers and purchasers although not all market segments may be contacted prior to the evaluation, calculation, or publication of any specific price or index. Actual transaction prices will reflect quantities, grades and qualities, credit terms, and many other parameters. The prices are in no sense comparable to the quoted prices of commodities in which a formal futures market exists.

Evaluations or calculations of prices and price indices by us are based upon certain market assumptions and evaluation methodologies, and may not conform to prices or information available from third parties. There may be errors or defects in such assumptions or methodologies that cause resultant evaluations to be inappropriate for use.

Your use or reliance on any prices or other information published by us is at your sole risk. Neither we nor any of our providers of information make any representations or warranties, express or implied as to the accuracy, completeness or reliability of any advice, opinion, statement or other information forming any part of the published information or its fitness or suitability for a particular purpose or use. Neither we, nor any of our officers, employees or representatives shall be liable to any person for any losses or damages incurred, suffered or arising as a result of use or reliance on the prices or other information contained in this publication, howsoever arising, including but not limited to any direct, indirect, consequential, punitive, incidental, special or similar damage, losses or expenses.

We are not an investment adviser, a financial advisor or a securities broker. The information published has been prepared solely for informational and educational purposes and is not intended for trading purposes or to address your particular requirements. The information provided is not an offer to buy or sell or a solicitation of an offer to buy or sell any security, commodity, financial product, instrument or other investment or to participate in any particular trading strategy. Such information is intended to be available for your general information and is not intended to be relied upon by users in making (or refraining from making) any specific investment or other decisions.

Your investment actions should be solely based upon your own decisions and research and appropriate independent advice should be obtained from a suitably qualified independent adviser before any such decision is made.