

**Stainless Steel : 304, 304L, 309, 309S, 310, 310S,
316, 316L, 317, 330**

Price Reporting

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Introduction to Metals

Alloy	Chemical Composition
304	Click
304L	Click
309	Click
309S	Click
310	Click
310S	Click
316	Click
316L	Click
317	Click
330	Click

Reporting Duration

March 24, 2025 - March 28, 2025 Alloy Price Analysis including Stainless Steel

300 stainless steel prices rise, impact of nickel and molybdenum oxide



(304 price graph, 3 months)



(304L price graph, 3 months)



(309 price graph, 3 months)



(309S price graph, 3 months)



(317 price graph, 3 months)



(310 price graph, 3 months)



(310S price graph, 3 months)



(316 price graph, 3 months)



(316L price graph, 3 months)



(330 price graph, 3 months)

- Between March 24 and 28, 2025, 300 stainless steel prices increased.
- 304 increased by \$0.02, from \$2.12 to \$2.14 per kilogram, and 304L increased by \$0.02, from \$2.48 to \$2.50 per kilogram. 309 increased by \$0.03 from \$2.89 to \$2.92 per kilogram, and 309S increased by \$0.03 from \$3.32 to \$3.35 per kilogram. 310 increased by \$0.05 from \$4.18 to \$4.23 per kilogram, and 310S increased by \$0.05 from \$4.65 to \$4.70 per kilogram. 316 increased by \$0.03, from \$3.35 to \$3.38 per kilogram, and 316L increased by \$0.04, from \$3.67 to \$3.71 per kilogram.
- In addition, 317 increased \$0.04 from \$4.12 to \$4.16 per kilogram, and 330 increased \$0.09 from \$6.31 to \$6.40 per kilogram.
- Notably, alloys such as 304, 304L, 309, 310, and 316 all recorded price increases, which are closely linked to the rise in nickel and molybdenum oxide prices.

Rising Nickel Prices



(Ni price graph, 3 months)

- The price of nickel, a key element in 300 stainless steel, has seen a recent uptick. The price of nickel has increased by \$0.26, from \$15.90 to \$16.16 per kilogram. This increase is the result of a 0.5% increase in the price of the three-month nickel contract on the London Metal Exchange (LME). The price increase was driven by continued growth in global demand, despite the ramp-up of major nickel smelters in China.
- In addition, uncertainty over US economic policy also impacted nickel prices. The turmoil caused by the announcement of new auto tariffs stimulated demand as investors viewed the metal as a safe-haven asset, which contributed to the rise in nickel prices. Going forward, we expect nickel's price increase to have a direct impact on 300 stainless steel prices.

Molybdenum Oxide Prices Rise



(Mo(Ox) price graph, 3 months)

- Molybdenum oxide prices have risen recently due to China's tightening export controls. The price of molybdenum oxide increased by \$0.27, from \$42.99 to \$43.26 per kg, which has exacerbated supply instability in European and Asian markets. Additionally, buyers' inventory adjustments have slowed trading somewhat, but still strong demand and supply shortage concerns have driven prices higher.
- The increase in the price of molybdenum oxide has had a significant impact on alloys such as 316, 316L, and 317. Molybdenum oxide is used as an important additive in these alloys, and rising prices could further drive up the price of these alloys.

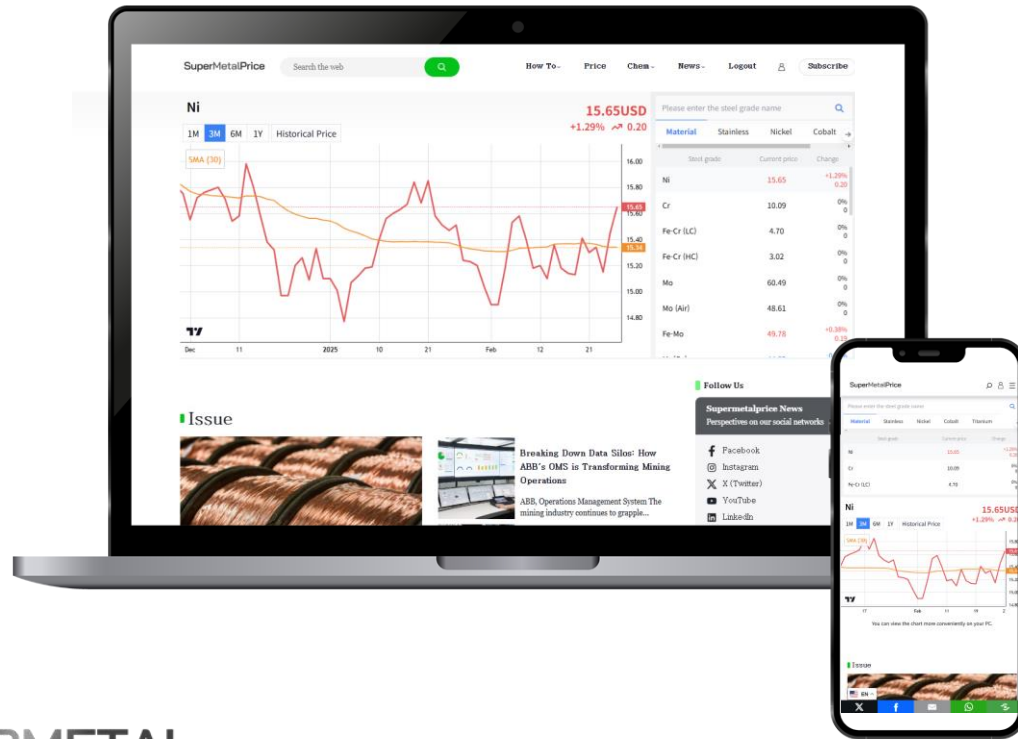
300 stainless steel price outlook

- Although 304 and 304L alloys have a relatively low nickel content, they are still expected to be impacted by rising nickel prices. 309, 309S, 310 and 310S are particularly sensitive to rising nickel prices due to their high nickel content. 316, 316L, and 317 have a high molybdenum oxide content, so a rise in molybdenum oxide prices will have a significant impact on their prices. 330 alloys have a high nickel content of 35%, so they will be very sensitive to a rise in nickel prices.
- Overall, if nickel and molybdenum oxide prices continue to rise, 300 stainless steel prices are likely to remain elevated in the near term. In particular, alloys with a higher nickel content are likely to experience greater upward pressure.

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