

# 304 Stainless Steel Pipes

Chhajed Steel & Alloys are aggressively venturing into exporting of our products to various countries. **SAE 304 Stainless Steel** is the most common stainless steel. The steel contains both chromium (between 18% and 20%) and nickel (between 8% and 10.5%) metals as the main non-iron constituents. It is an austenitic stainless steel. It is less electrically and thermally conductive than carbon steel. It is magnetic, but less magnetic than steel. It has a higher corrosion resistance than regular steel and is widely used because of the ease in which it is formed into various shapes. The composition was developed by W. H. Hatfield at Firth-Vickers in 1924 and was marketed under the trade name "Staybrite 18/8". It is specified by SAE International as part of its SAE steel grades. Outside the US it is commonly known as A2 stainless steel, in accordance with ISO 3506 for fasteners.

In the commercial cookware industry it is known as 18/8 stainless steel. In the unified numbering system it is UNS S30400. The Japanese equivalent grade of this material is SUS304. It is also specified in European norm 1.4301 304 stainless steel has excellent resistance to a wide range of atmospheric environments and many corrosive media. It is subject to pitting and crevice corrosion in warm chloride environments and to stress corrosion cracking above about 60 °C. It is considered resistant to pitting corrosion in water with up to about 400 mg/L chlorides at ambient temperatures, reducing to about 150 mg/L at 60 °C.

**304 Stainless Steel Pipes, 304 Stainless Steel Welded Rectangular Pipes Manufacturers, 304 Stainless Steel Seamless Pipe Suppliers, 304 Stainless Steel Marine Exhaust Pipe Exporters 304 Stainless Steel Polished Decorative Pipe Stockists.**

**304 Stainless Steel Square Pipe in India, 304 Stainless Steel Pipes Manufacturers in India, 304 Stainless Steel Rectangular Pipe Suppliers in India, 304 Stainless Steel Hydraulic Pipe Exporters in India, 304 Stainless Steel ERW Pipes Stockists in India.**

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