

347/347H Stainless Steel Pipes

Chhajer Steel & Alloys are aggressively venturing into exporting of our products to various countries. **SS Stainless Steel 347** is a general purpose austenitic stainless steel with a face centered cubic structure. Its pipe is an iron based alloy containing at least chromium 10%. It is non-magnetic in the annealed condition and can harden only by cold working. In order to suppress the grain boundary Chromium Carbide precipitation niobium is been added. Through the formation of an invisible and adherent chromium rich oxide film it achieves its stainless steel characteristics.

Stainless Steel 347 seamless pipe is advantageous for high temperature service because of its good mechanical properties. It has moderately improved corrosion resistance over stainless steel 347/347H in strongly oxidizing environment. ASTM A312 TP 347H is quite tough and ductile so it can be readily stamped, blanked, spun and drawn. SA312 TP347H is unresponsive to heat treatment so the hardness and strength can be increased through cold working. The stainless steel at temperature range of 1010 - 1193°C can be annealed and then quenched with water.

347H seamless pipe is slightly tougher than that of 304 stainless steel. However, by the use of constant positive feeds and slow speeds hardenability can be minimized. ASTM A312 TP 347 is developed to provide an 18-8 type alloy with improved intergranular-corrosion resistance. It is a columbium/tantalum stabilized austenitic chromium-nickel stainless steel.

In strongly oxidizing environments SA 312 TP 347 has a slightly improved corrosion resistance over other stainless steel alloys as a result of the addition of columbium (niobium) and tantalum. **Stainless Steel 347H Pipe** is high-alloy steels it has high corrosion resistance than other steels owing to the presence of large amounts of chromium in the range of 4 - 30%.

347/347H Stainless Steel Pipes, 347/347H Stainless Steel Welded Rectangular Pipes Manufacturers, 347/347H Stainless Steel Seamless Pipe Suppliers, 347/347H Stainless Steel Marine Exhaust Pipe Exporters 347/347H Stainless Steel Polished Decorative Pipe Stockists.

347/347H Stainless Steel Square Pipe in India, 347/347H Stainless Steel Pipes Manufacturers in India, 347/347H Stainless Steel Rectangular Pipe Suppliers in India, 347/347H Stainless Steel Hydraulic Pipe Exporters in India, 347/347H Stainless Steel ERW Pipes Stockists in India

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