

Inconel 600

Description

A nickel-chromium alloy used in chemical and food processing, nuclear engineering, sparking electrodes, and furnace components. Inconel 600 is created with a resistance to chloride-ion stress-corrosion cracking, caustic corrosion, corrosion by high-purity water, and good oxidation resistance at high temperatures.

Forms in stock

- Pipe
- Fittings
- Flanges

Specifications

UNS NO660

Welded Pipe	8" - 12"	10s, 40s	ASTM/ASME 517
Smls Pipe	½" - 8"	10s, 40s, 80s, 160	ASTM/ASME 167
B/W Fittings	½" - 12"	10s, 40s, 80s	ASTM/ASME 366
Flanges	½" - 12"	150#, 300#	ASTM/ASME 564

Limiting Chemical Composition, %

Ni...72.0 min.	Si...0.5 max.
Cr...14.0 – 17.0	S...0.015 max.
Fe...6.0 – 10.0	Cu.. 0.5 max.
Mn...1.0 max.	
C.....0.15 max.	*a denotes- Plus Co