

317L

Description

317L is a molybdenum-bearing steel that offers a higher stress-to-rupture, creep, and tensile strength at elevated temperatures. 317L is a low carbon version of 317 and is non-magnetic in the annealed condition. 317L can often be found in pulp and paper plants, food processing plants, chemical and petrochemical processing equipment, and textile equipment.

Forms in Stock

- Pipe
- Fittings
- Flanges

Specifications

UNS 31703

Welded Pipe	6"-14"	10s, 40s	ASTM/ASME 312
Smls Pipe	½"-8"	10s, 40s, 80s	ASTM/ASME 312
B/W Fittings	½"-12"	10s, 40s, 80s	ASTM/ASME 403
Flanges	½"-12"	150#, 300#	ASTM/ASME 182

Limiting Chemical Composition, %

Ni...11.0-15.0	Si...1.0 max.
Cr...18.0-20.0	S.....0.03 max.
C.....0.035 max.	P.....0.040 max.
Mo...3.0-4.0	
Mn...2.0 max.	