



Stainless Steel 317/317L UNS S31700 / S31703

Alloy Composition				
	317		317L	
Element	Min.	Max	Min.	Max
C	-	0.08	-	0.035
Mn	-	2.00	-	2.00
Si	-	1.00	-	1.00
Cr	18.0	20.0	18.0	20.0
Ni	11.0	15.0	11.0	15.0
Mo	3.00	4.00	3.00	4.00
P		0.045	-	0.045
S		0.030		0.030

SEAMLESS TUBE

Our 317 and 317L seamless tube is supplied in the annealed condition and made to ASTM A213, and A269 specifications.

Our stringent quality policies and inspection practices ensure that all seamless tube purchased from T2 Alloys Limited will be of good quality and delivered to the requirements within the aforementioned specifications.

For maximum working pressure rating of specific sizes, please contact our offices to speak to one of our staff.

Mechanical Properties				
	UTS	0.2% Yield	% Elongation	Hardness
317	75 ksi min.	30 ksi min.	34 % min.	90 HRB max.
317L	75 ksi min.	30 ksi min.	35 % min.	90 HRB max.

Physical Properties (annealed)			
	317	317L	
Density @ Room Temperature (lb/in. ³)	0.29	0.29	
Elastic Modulus (10 ⁶ psi)	28.0	29.0	
Specific Heat, 32°F to 212°F (Btu/lb · °F)	0.12	0.12	
Electrical Resistivity (μΩ · m)	740	790	
Magnetic Permeability (approximate)	1.02	1.02	
Coefficient of Thermal Expansion (μ in./in. · °F)	32°F to 212°F	8.8	9.2
	32°F to 600°F	9.0	---
	32°F to 1000°F	9.7	10.1
Thermal Conductivity (Btu/ft · h · °F)	@ 212°F	9.4	8.3
	@ 932°F	12.4	---

Limitation of Liability

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