

RELIABLE PIPES & TUBES LTD.

GOVT. OF INDIA RECOGNIZED EXPORT HOUSE
 OHSAS 18001:2007 CERTIFIED ISO 14001:2004 CERTIFIED
 ISO 9001:2008 CERTIFIED PED CERT NO 01 202 IND/Q-11-0033

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MONEL® ALLOY 400 - UNS N04400

Chemical Composition, %

C	Mn	S	Si	Ni	Cu	Fe
.30 max	2.00 max	.024 max	.50 max	63.0 min	28.0-34.0	2.50 max

ASTM Specifications

Pipe Smls	Pipe Welded	Tube Smls	Tube Welded	Sheet/Plate	Bar	Forging	Fitting	Wire
B165	B725	B163		B127	B164	B564	B366	

Mechanical Properties

Typical room temperature Tensile Properties of Annealed Material

Product Form	Condition	Tensile (ksi)	.2% Yield (ksi)	Elongation (%)	Hardness (HRB)
Rod & Bar	Annealed	75-90	25-50	60-35	60-80
Rod & Bar	Cold-Drawn Stress Relieved	84-120	55-100	40-22	85-20 HRC
Plate	Annealed	70-85	28-50	50-35	60-76
Sheet	Annealed	70-85	30-45	45-35	65-80
Tube & Pipe Seamless	Annealed	70-85	25-45	50-35	75 max *