

Material - ASTM B 725 N04400

Standard Specification for Nickel and Nickel Copper Alloy Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 725 N04400 Nickel and Nickel Copper Alloy Pipe

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Pipe

Chemical Composition			Heat Treatment	
Carbon	C %	0.300 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	2.000 max.		
Copper	Cu %	28.000 - 34.000		
Sulphur	S %	0.024 max.		
Iron	Fe %	2.500 max.		
Nickel	Ni %	63.000 min.		
-	-	-	Mechanical Properties Tensile Strength in Mpa 480 min. Yield Strength in Mpa 170 min. Elongation in % 15 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 164 N04400	ASTM	USA	Rod, Bar and Wire
B 165 N04400	ASTM	USA	Pipe and Tube
B 564 N04400	ASTM	USA	Forging
B 127 N04400	ASTM	USA	Plate, Sheet and Strip
B 163 N04400	ASTM	USA	Tube
SB-163 N04400	ASME	USA	Tube
SB-165 N04400	ASME	USA	Pipe and Tube

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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