

Material - ASTM B 619 N06455

Standard Specification for Nickel and Nickel-Cobalt Alloy Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 619 N06455 Nickel and Nickel-Cobalt 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 %	0.015 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.080 max.		
Manganese	Mn %	1.000 max.		
Cobalt	Co %	2.000 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	14.000 - 18.000		
Phosphorus	P %	0.040 max.		
Molybdenum	Mo %	14.000 - 17.000		
Iron	Fe %	3.000 max.	Mechanical Properties	
Titanium	Ti %	0.700 max.	Tensile Strength in Mpa	690 min.
Nickel	Ni %	Balance	Yield Strength in Mpa	276 min.
-	-	-	Elongation in %	40 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 574 N06455	ASTM	USA	Rod
B 575 N06455	ASTM	USA	Plate, Sheet and Strip
B 622 N06455	ASTM	USA	Pipe and Tube
B 626 N06455	ASTM	USA	Tube
SB-575 N06455	ASME	USA	Plate, Sheet and Strip
SB-619 N06455	ASME	USA	Pipe
SB-622 N06455	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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