



## Material - ASME SB-619 N06975

### Standard Specification for Nickel and Nickel-Cobalt Alloy Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASME SB-619 N06975 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 %	0.030 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	23.000 - 26.000		
Sulphur	S %	0.030 max.		
Molybdenum	Mo %	5.000 - 7.000		
Phosphorus	P %	0.030 max.		
Titanium	Ti %	0.700 - 1.500		
Nickel	Ni %	47.000 - 52.000		
Copper	Cu %	0.700 - 1.200		
Iron	Fe %	Balance	<b>Mechanical Properties</b> Tensile Strength in Mpa   586 min. Yield Strength in Mpa   221 min. Elongation in %   40 min. Reduction of Area in %   - Hardness in BHN   - Impact in Joule   -	
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-	-	-		
-	-	-		
-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 581 N06975	ASTM	USA	Rod
B 582 N06975	ASTM	USA	Plate, Sheet and Strip
B 619 N06975	ASTM	USA	Pipe
B 622 N06975	ASTM	USA	Pipe and Tube
B 626 N06975	ASTM	USA	Tube
SB-581 N06975	ASME	USA	Rod
SB-582 N06975	ASME	USA	Plate, Sheet and Strip

**Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email [marketing@gravitycastindia.com](mailto:marketing@gravitycastindia.com)**

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