

Material - ASTM B 619 N06035

Standard Specification for Nickel and Nickel-Cobalt Alloy Pipe

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 619 N06035 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 %	0.050 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.600 max.		
Manganese	Mn %	0.500 max.		
Copper	Cu %	0.300 max.		
Sulphur	S %	0.015 max.		
Chromium	Cr %	32.250 - 34.250		
Aluminium	Al %	0.400 max.		
Iron	Fe %	2.000 max.		
Cobalt	Co %	1.000 max.	Mechanical Properties	
Phosphorus	P %	0.030 max.	Tensile Strength in Mpa	586 min.
Molybdenum	Mo %	7.600 - 9.000	Yield Strength in Mpa	241 min.
Tungsten	W %	0.600 max.	Elongation in %	30 min.
Vanadium	V %	0.200 max.	Reduction of Area in %	-
Nickel	Ni %	Balance	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 564 N06035	ASTM	USA	Forging
B 574 N06035	ASTM	USA	Rod
B 575 N06035	ASTM	USA	Plate, Sheet and Strip
B 462 N06035	ASTM	USA	Pipe Flanges, Forged Fittings and Valve
B 622 N06035	ASTM	USA	Pipe and Tube
B 626 N06035	ASTM	USA	Tube
B 472 N06035	ASTM	USA	Billets and Bars

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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