

Material - ASTM B 626 N06686

Standard Specification for Nickel and Nickel-Cobalt Alloy Tube

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 626 N06686 Nickel and Nickel-Cobalt Alloy Tube

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

Grade Belongs to the Industry - Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.800 max.		
Manganese	Mn %	0.750 max.		
Chromium	Cr %	19.000 - 23.000		
Sulphur	S %	0.020 max.		
Molybdenum	Mo %	15.000 - 17.000		
Phosphorus	P %	0.040 max.		
Titanium	Ti %	0.020 - 0.250		
Iron	Fe %	5.000 max.		
Tungsten	W %	3.000 - 4.400	Mechanical Properties	
Nickel	Ni %	Balance	Tensile Strength in Mpa	690 min.
-	-	-	Yield Strength in Mpa	310 min.
-	-	-	Elongation in %	45 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 163 N06686	ASTM	USA	Tube
B 462 N06686	ASTM	USA	Pipe and Valve
B 564 N06686	ASTM	USA	Forging
B 574 N06686 Grade 1	ASTM	USA	Rod
B 575 N06686	ASTM	USA	Plate, Sheet and Strip
B 619 N06686	ASTM	USA	Pipe
B 622 N06686	ASTM	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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