

Material - ASTM B 677 N08926

Standard Specification for Nickel-Iron-Chromium-Molybdenum and Iron-Nickel-Chromium-Molybdenum-Copper Seamless Pipe and Tube

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 677 N08926 Nickel-Iron-Chromium-Molybdenum and Iron-Nickel-Chromium-Molybdenum-Copper Seamless Pipe and Tube

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

Grade Belongs to the Industry - Pipe and Tube

Chemical Composition			Heat Treatment	
Carbon	C %	0.020 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.500 max.		
Manganese	Mn %	2.000 max.		
Chromium	Cr %	19.000 - 21.000		
Sulphur	S %	0.010 max.		
Molybdenum	Mo %	6.000 - 7.000		
Phosphorus	P %	0.030 max.		
Copper	Cu %	0.500 - 1.500	Mechanical Properties Tensile Strength in Mpa 650 min. Yield Strength in Mpa 295 min. Elongation in % 35 min. Reduction of Area in % - Hardness in BHN - Impact in Joule -	
Nitrogen	N %	0.150 - 0.250		
Nickel	Ni %	24.000 - 26.000		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 649 N08926	ASTM	USA	Bar and Wire
A 182 F1925N	ASTM	USA	Pipe Flanges, Forged Fittings and Valves
B 472 N08926	ASTM	USA	Billets and Bars
B 625 N08926	ASTM	USA	Plate, Sheet and Strip
B 673 N08926	ASTM	USA	Pipe
B 674 N08926	ASTM	USA	Tube
SB-625 N08926	ASME	USA	Plate, Sheet and Strip

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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