

Material: ASTM B 622 N10624

Standard Specification for Seamless Nickel and Nickel-Cobalt Alloy Pipe and Tube

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 622 N10624 Seamless Nickel and Nickel-Cobalt Alloy 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 %	0.010 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	0.100 max.		
Manganese	Mn %	1.000 max.		
Copper	Cu %	0.500 max.		
Sulphur	S %	0.010 max.		
Chromium	Cr %	6.000 - 10.000		
Phosphorus	P %	0.025 max.		
Molybdenum	Mo %	21.000 - 25.000		
Cobalt	Co %	1.000 max.	Mechanical Properties	
Iron	Fe %	5.000 - 8.000	Tensile Strength in Mpa	720 min.
Nickel	Ni %	Balance	Yield Strength in Mpa	320 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 333 N10624	ASTM	USA	Plate, Sheet and Strip
B 335 N10624	ASTM	USA	Rod
B 564 N10624	ASTM	USA	Forging
B 619 N10624	ASTM	USA	Pipe
B 626 N10624	ASTM	USA	Tube
N10624	UNS	USA	Tube
-	-	-	-

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com