



Material - ASTM B 626 N10276

Standard Specification for Nickel and Nickel-Cobalt Alloy Tube

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 626 N10276 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 %	0.080 max.		
Manganese	Mn %	1.000 max.		
Cobalt	Co %	2.500 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	14.500 - 16.500		
Phosphorus	P %	0.040 max.		
Molybdenum	Mo %	15.000 - 17.000		
Iron	Fe %	4.000 - 7.000		
Tungsten	W %	3.000 - 4.500		
Vanadium	V %	0.350 max.		
Nickel	Ni %	Balance		
-	-	-		
-	-	-		
-	-	-		

Mechanical Properties	
Tensile Strength in Mpa	690 min.
Yield Strength in Mpa	283 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 564 N10276	ASTM	USA	Forging
B 574 N10276	ASTM	USA	Rod
B 575 N10276	ASTM	USA	Plate, Sheet and Strip
B 462 N10276	ASTM	USA	Pipe Flanges, Forged Fittings, and Valve
B 619 N10276	ASTM	USA	Pipe
B 622 N10276	ASTM	USA	Pipe and Tube
N10276	UNS	USA	Tube

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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.