

# Material: ASTM B 127 N04400

## Standard Specification for Nickel Plate, Sheet and Strip

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** ASTM B 127 N04400 Nickel Plate, Sheet and Strip

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

**Grade Belongs to the Industry:** Plate, Sheet and Strip

Chemical Composition		
Carbon	C %	0.300 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	2.000 max.
Copper	Cu %	28.000 - 34.000
Sulphur	S %	0.024 max.
Iron	Fe %	2.500 max.
Nickel	Ni %	63.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	485 - 585
Yield Strength in Mpa	195 min.
Elongation in %	2 min.
Reduction of Area in %	-
Hardness in HRC	68 - 94
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
B 163 N04400	ASTM	USA	Tube
SB 163 N04400	ASTM	USA	Tube
N04400	UNS	USA	Tube
Monel 400	SAE	USA	Sheet, Strip and Plate
B 164 N04400	ASTM	USA	Rod, Bar and Wire
NW4400	JIS	Japan	Plate, Sheet and Strip
B 165 N04400	ASTM	USA	Pipe and Tube

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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)



+91-99090 45075



[info@icastllp.com](mailto:info@icastllp.com)



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India