

Material: ASME SF-468 Ni400HF

Standard Specification for Nickel-Copper Alloy, Corrosion Resistant Sheet, Strip and Plate

Group: Non-Ferrous Nickel Alloys

Sub Group: ASME SF-468 Ni400HF Nickel-Copper Alloy, Corrosion Resistant Sheet, Strip and Plate

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

Grade Belongs to the Industry: Sheet, Strip and Plate

Chemical Composition		
Carbon	C %	0.300 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	2.000 max.
Iron	Fe %	2.500 max.
Sulphur	S %	0.024 max.
Nickel	Ni %	63.000 - 70.000
Copper	Cu %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	480 min.
Yield Strength in Mpa	205 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HRC	60 - 95
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Monel 400	SAE	USA	Sheet, Strip and Plate
F467 Ni400	ASTM	USA	Sheet, Strip and Plate
F468 Ni400HF	ASTM	USA	Sheet, Strip and Plate
SF467 Ni400	ASME	USA	Sheet, Strip and Plate
SF-468 Ni400	ASME	USA	Sheet, Strip and Plate
NCuR	JIS	Japan	Strip
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