

# Material: JIS NCuR

## Standard Specification for Nickel-copper alloy strips

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** JIS NCuR Nickel-copper alloy strips

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

**Grade Belongs to the Industry:** Strip

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	441 min.
Yield Strength in Mpa	-
Elongation in %	25 min.
Reduction of Area in %	-
Hardness in BHN	-
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
SF-468 Ni400HF	ASME	USA	Sheet, Strip and Plate
-	-	-	-

**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](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