

Brand name | MONEL® ALLOY 400, Nicorros®

Trade name | Alloy 400

Material No.	EN Designation	UNS	Alloy
2.4360	(S-)NiCu30Fe	N04400	400

Description | Alloy 400 / 2.4360 is a nickel-copper alloy with excellent corrosion resistance.

Special properties | Corrosion resistance in a wide range of marine and chemical environments. No chloride induced stress-corrosion cracking.

C %	Si ≤ %	Mn ≤ %	S ≤ %	Ni %
≤ 0.15	0.50	2.00	0.02	≥ 63.0
Ti ≤ %	Cu %	Al %	Fe %	
0.30	28.0-34.0	≤ 0.50	1.00-2.50	

0.2% Yield strength $R_p \geq$ N/mm ²	Tensile strength R_m N/mm ²	Elongation $A_5 \geq$ %	Modulus of elasticity kN/mm ²
175	≥ 450	30	182

Density g/cm ³	Specific heat capacity J/kg K	Thermal conductivity W/m K	Electrical resistivity Ω mm ² /m
8.8	430	26	0.513

Suitable welding filler materials | 2.4366

Application | Salt production, offshore, chemical industry

Sheets/Plates	Bars	Wire	Tubes/Pipes	Fittings	Forged / cast parts	Finished part (drawing)
						