

MIG-MAG Wires Nickel and Copper alloys

Nifil NiCu7 is a solid wire suitable for welding alloys with similar chemical analyses. Good bead appearance with excellent corrosion resistance in saline solutions. Suitable for desalination plant construction applications and joining MONEL type alloys.

Classification	
AWS	A5.14: ER NiCu7
EN ISO	18274: S Ni 4060 (NiCu30Mn3Ti)

Approvals	Grades
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Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Fe	W	Cu
0.10	3	1	≤ 0.020	≤ 0.015	-	≥ 62	-	-	1	-	30

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	≥ 350	≥ 480	≥ 30	-	-

Gas test: Acc. To EN 439: M13(Cargal1)

Shielding Gas: Acc. To EN 439: M13(Cargal1)

Materials

2.4360 (NiCu30Fe); 2.4375 (NiCu30Al); 2.4377
UNS N04400; UNS N 05500

Storage

Keep dry and avoid condensation.

Current condition and welding position

DC+



Packaging data: K300 Kg. 16

Diameters	1,0	1,2				
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