

TECHNICAL DATA SHEET



Super6 ERNiCu-7

AWS.A5.14 : ERNiCu-7
EN ISO 18274 : Ni 4060 NiCu30Mn3Ti
Date 20.05.24 Revision 1

DESCRIPTION

ERNiCu-7 is designed to match Monel 400. These filler metals have a raised level of Mn and Ti to suppress hot cracking and porosity. Suitable for welding Monel 400 to itself and other Ni Cu alloys. It has good corrosion to sea water salts. Applications include offshore, marine, construction, heat exchangers, chemical industries.

WELDING POSITIONS

PA,PB,PC,PD,PE,PF,PG

CHEMICAL COMPOSITIONS

C	Mn	Si	Cu	Ni
0.15 MAX	3.00 4.00	1.00 MAX	28.00 32.00	62.00 69.00

MECHANICAL PROPERTIES

Yield Strength	≥ 180
UTS N/mm ²	≥ 450
Elongation	≥ 30%

AVAILABLE FORMATS

TUBE		
Diameter	5.0kg	
1.6mm	7783	
2.4mm	7814	
3.2mm	7784	

Shielding Gas	Argon
Current Type	DC-

While all reasonable efforts have been made to ensure the accuracy of this information, it may change at any time and is only intended as general guidance.