



TIGFIL CuNi

GTAW COPPER ALLOYS

AWS A/SFA 5.7 ERcCuNi

CLASSIFICATION:

EN ISO 24373

SCu 7158 (Cu Ni30 Mn1 FeTi)

KEY FEATURES:

- Copper-Nickel solid wire
- Typical 70Cu-30Ni type alloy
- No preheating is required
- Radiographic quality welds

TYPICAL APPLICATIONS:

- Welding of wrought and cast 70/30, 80/20, 90/10 copper-nickel alloys to themselves or to each other
- Clad side of copper-nickel clad steels
- Surfacing applications where high resistance to corrosion, erosion or cavitation is required


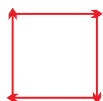
CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Mn	Fe	Si	Ni+Co	Pb	Ti	Cu	P
1.0 max	0.40-0.75	0.25 max	29.0-32.0	0.02 max	0.20-0.50	Bal.	0.02 max

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	Average Brinell Hardness, HBW
Specification	As Welded	345 min	60-80

PARAMETERS - PACKING DATA:

Ø x L, mm	Net Wt., Kg		
2.0 x 1000	20	 DCEN STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions 
2.4 x 1000	20		
3.15 x 1000	20		

Shielding Gas	Gas Flow Rate, LPM
Ar	10-15

Available in Standard carton packing of 20 kg box, containing 4 plastic tubes of 5 kg each.