



Copper/Nickel Filler Wire

AWS A5.14 ER CuNi
BS 2901 Pt3: C18
Werkstoffe No 2.0837

NW-1750

DESCRIPTION & APPLICATION

Copper/Nickel Alloy Filler Wire for the joining and surfacing of Alloys of a similar composition, (CuNi 30, CuNi10) Also suitable for the joining of these Alloys to steel, Copper/Nickel and other Nickel alloys. Used in high-grade plant/engineering primarily for the Marine, Power Generation and Petro-chemical industry.

BASE MATERIALS

Monel Alloy 450
Cunifer 30
Cunifer 10

MECHANICAL PROPERTIES

>360 UTS n/mm	>200 YIELD 0.2%	>30 ELONG A5%	~120 HARDNESS HB
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METAL WELD COMPOSITION %

Si	Mn	Cu	Ni	Ti	Fe	Pb
0.05	0.8	BAL	30.0	0.3	0.5	0.001

PACKAGING

15kg Spools (MIG)
5kg Tubes (TIG)

DIAMETERS

0.8, 1.0, 1.2mm (MIG)
1.6, 2.4, 3.2mm (TIG)

WELDING INSTRUCTIONS

Thorough cleaning of the weld zone is paramount. 100% Argon gas for TIG applications, Argon/Helium or Argon for MIG or proprietary special gases. Do not overheat. Prior to welding, all traces of paint, oil, grease or other sources of hydrocarbons to be removed.

48
Nickel Alloys

Need Help?
01925 839983
sales@westbrookwelding.co.uk

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