SIFTIG CuNi10 90/10 Copper Nickel Alloy TIG Rod

SIFALLOY No. 79

A CuNi-alloyed wire/rod for joining and surfacing similar alloys with a nickel content of up to 10%.

Particularly suitable for highly stressed, corrosion-resistant weld surfacing on grey cast iron, as well as on unalloyed and low-alloyed steels. Due to its resistance to seawater, the alloy is ideal for offshore applications, shipbuilding, the chemical and food industries, and oil refineries.

Positions



For use in all positions.

Current DC=-
Shielding Gas Ar

Available Formats

Dia.	5kg
1.6mm	RT791650
2.4mm	RT792450
3.2mm	RT793250

Typical Weld Metal Composition

Cu Bal Ni 10.2% Fe 1.2%

Typical Mechanical Properties

Melting Point	1120°C
Ultimate Tensile Strength	300N/mm^2
Hardness	80

Standards

EN ISO 24373 : Cu 7061 (CuNi10)