

DIF-FILL 302

COPPER NICKEL FILLER WIRE
FOR TIG , MIG , MAG WELDING

Suitable for Joining and surfacing of copper and copper nickel alloys. Suitable for Alloy Steel surfacing. Ideal for Temperature and Corrosion resistance. Best suitable for sea water, chemical corrosion.

Applications:-

Suitable various applications in shipbuilding, fertilizer, chemical, industries. Like heat-exchangers, condenser tubes, vessels NiCr alloys. hot dipped galvanized steel, Excellent corrosion resistance and electrical conductivity. Porosity free welding joints. Free flowing alloy.

Specification:

DIN :- 1733 - SG-Cu Ni 30 Fe
AWS :- SFA 5.7 - ER Cu Ni

Alloy Basis:

Cu - balance.	Ni - 29 to 32%	Mn - 0.8%	Fe - 0.5%	Ti - 0.4%
------------------	-------------------	--------------	--------------	--------------

Melting Range:-

1170 °C to 1240 °C

PROPERTIES:-

Applicable Gas :- Argon + Co2 + O2
Argon + Co2
Argon
Tensile strength - 440 N/ mm²
Elongation - 20 %

PACKING STANDARD:-

Size Ø - 1.6 mm, 2.0 mm, 2.5 mm, 3.15 mm, 4.0 mm.
Length - 1000 mm
Standard Packing - 5 kg per packet, 20 kg per case.
Spool - MIG Welding 0.8 mm, 1.2 mm, 1.6 mm 12.5 kg per spool

DIFFUSION ENGINEERS LIMITED

Regd. Office & Works I : T-5/6, M.I.D.C, Hingna Industrial Area, Nagpur-440 016, (T) 091-7104-232084, 234727 (F) 232085

Works II : N-78/79, MIDC, Hingna Industrial Area, Nagpur – 440 016. (T) 091-7104-236036

Works III : T-12, MIDC, Hingna Industrial Area, Nagpur – 440 016.(T) 091-7104-232984

Email : info@diffusionengineers.com Website : www.diffusionengineers.com

Branch Offices : Chennai, Faridabad, Jamshedpur, Pune, Raipur, Secunderabad, Vadodara.