

DIF-FILL 400

NICKEL FILLER WIRE
FOR TIG , MIG , MAG WELDING

Suitable for TIG, MIG welding for joining and surfacing of nickel alloys, clad steel, nickel to steel, copper to steel. Joining and surfacing of High and low alloyed steels. Suitable for root run and buffer layer.

Applications:-

Suitable for welding applications in chemical industries, Root run for pipe welding, joining of heavy thickness, leak proof joints, copper to M.S. joining, hot dipped galvanized steel, S.S. joining. Excellent corrosion resistance and electrical conductivity. Porosity free welding joints. Free flowing alloy.

Specification:

DIN :- 1736 - SG NI TI 4
AWS:- SFA 5.14 - ER Ni – 1

Alloy Basis:

Cu balance.	-	Ni - 29 to 32%	Mn - 0.75%	Fe - 0.75%	Ti - 1.4%
----------------	---	-------------------	------------	------------	-----------

Melting Range :-

1250 °C To 1300 °C

Properties:-

Applicable Gas :- Argon + Co2 + O2
Argon + Co2
Argon
Tensile strength - 440 TO 540 N/ mm²
Elongation - 30 %

Packing Standard:-

Size Ø - 1.6 mm, 2.0 mm, 2.5 mm, 3.15 mm, 4.0 mm.
Length - 1000 mm ss
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.