

DIF-FILL 404

NICKEL CHROMIUM FILLER WIRE FOR TIG, MIG, MAG WELDING

Excellent high temperature strength, corrosion resistance, resistant to thermal shocks, suitable for temperature ranging from -196C to + 1000 C. Porosity free welding joints. Free flowing alloy.

Applications:-

Suitable for welding of pressure vessels, boiler fittings, dissimilar alloy joints, cryogenic applications, all type of Nickel alloys. Excellent corrosion resistance.

Specification:

DIN :- 1736 - SG- Ni Cr 20 Nb
AWS: - SFA 5.14 - ER Ni Cr 3

Alloy Basis:

Ni – balance.	Cr – 18 to 22	Mn – 2.5 to 3.5	Nb – 2.0 to 3.0	Ti – 0.75
---------------	---------------	-----------------	-----------------	-----------

Melting Range :-

1040 °C To 1080 °C

Properties :-

Applicable Gas :- Argon + Co₂ + O₂
Argon + Co₂
Argon
Tensile strength - 590 N/ mm²
Elongation - 35 %

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.