

DIF-FILL 110

STAINLESS STEEL FILLER WIRE ER- 310
FOR TIG , MIG , MAG , WELDING

Diff – Fill 110 is a stainless steel filler alloy for TIG / MIG / SAW welding of 13 % Cr steels. Used for joining as well as hardfacing applications made of AISI 410 etc. service temperature up to 450 ° C. Excellent erosion, cavitations and wear resistance properties

Applications:

Solid filler rod for welding 13 % Cr stainless steel joining of stainless steel to carbon steel. Non scaling at high temperature. Chemical plants, paint industry, fertilizer industry, welding of fabricated equipments.

Specification:

AWS / SFA 5.9 : ER 410

Alloy Basis : (%)

C	Si	Mn	Cr	Ni	Mo	Cu	Fe
0.08 max	0.4 max	0.6 max	12-13.5	0.6 max	0.5 max	0.1 max	BAL

Properties:

Applied Gas : Welding Grade Argon
Argon + Co2
Tensile strength : 520 N / mm²
Elongation : 20 %

Packing Standards:

Size (dia mm) - 1.6 mm, 2.0mm, 2.5mm, 3.15mm, 4.00mm
Length - 500 mm and 1000 mm
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.

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