

DIFF-FILL 130

STAINLESS STEEL FILLER WIRE SS 430
FOR TIG, MIG, MAG, WELDING

Diff – Fill 130 is a stainless steel filler alloy for TIG / MIG / SAW welding of Straight Chrome steels. Used for joining as well as surfacing applications, made of alloy steel stainless steel, service temperature up to 450 ° C. Excellent abrasion , erosion, metal to metal wear resistance properties.

Applications:

Welding of corrosion and heat resisting steel grades. Weld surfacing on sealing surfaces of gas, water and steam fittings operating at temperatures up to 450 ° C Non Scaling up to 900 ° C in air and in atmosphere of oxidizing or sulphurous combustion gases. Especially suitable for building up edges. Good resistance to attack by sea water, organic and inorganic acids (nitric acid , sulphuric acid)

Specification:

DIN 8556 : SG X 8 Cr Ti 18
AWS / SFA – 5.9 : ER 430

Typical Chemical Composition: (%)

C	Si	Mn	Cr	Ni	Mo	Cu	P	S	Fe
0.08 max	0.4 max	0.6 max	15.5- 17	0.6 max	0.50 max	0.1 max	0.025 max	0.015 max	BAL

Properties:

Applied Gas : Welding Grade Argon Gas
Argon + 2.5 % Co₂
Tensile strength : 590 N /mm²
Elongation : 10 %

Packing Standards:

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

DIFFUSION ENGINEERS LIMITED

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