

DIF-FILL 247

ALUMINIUM-SILICON FILLER WIRE
FOR TIG , MIG , MAG WELDING

Suitable for TIG, MIG welding of various grades of aluminium alloys. Specially developed high silicon, lower melting point, higher fluidity. Minimizes hot cracking and increases shear strength. Welding of heat treatable alloys. In case of thickness more than 15mm preheating up to 150 to 180°C.

Applications:-

Suitable for welding and repairing of dissimilar grades of aluminium, automotive parts, earthmoving equipments aluminium casting parts, casings, equipment bodies. Joining of wrought to cast aluminium. Good corrosion resistance and electrical conductivity. Defect free welding. Free flowing alloy. Very good weld appeal.

Specification:

DIN :- 1732 - S – Al Si 12
AWS :- SFA 5.10 - ER 4047

Alloy Basis:

Al – Balance	Si – 11 to 13.5	Mn – 0.5
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Melting Range :-

573 °C To 625 °C

Properties:-

Applicable Gas :- Argon + Helium
Argon
Tensile Strength :- 167 N/mm². Aprox.
Elongation :- 8 %

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

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