

DIF-FILL 243

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

Suitable for TIG, MIG welding of various grades of aluminium alloys containing silicon up to 8%. 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 automotive parts, earthmoving equipments aluminium casting parts, casings, equipment bodies. Joining of wrought to cast aluminium. Good corrosion resistance and electrical conductivity. Porosity free welding. Free flowing alloy. Very good weld appeal.

Specification:

DIN :- 1732 - SG – Al Si 5
 AWS :- SFA 5.10 - ER 4043

Alloy Basis:

Al – balance	Si – 4.5 to 5.5	Mn – 0.05%
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Melting Range:-

600 °C To 650 °C

Properties:-

Applicable Gas :- Argon + Helium
 Argon
 Tensile Strength :- 130 N/mm². Aprox.
 Elongation :- 15 %

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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