

## DIF-FILL 211

PURE ALUMINIUM FILLER WIRE  
 FOR TIG, MIG, MAG WELDING

Suitable for TIG, MIG welding of pure Aluminium alloy, provides very good colour match. Highly resistant to chemical corrosion. In case of thickness more than 15mm preheating up to 150 to 180°C. suitable for anodizing after joining/repairing.

### Applications:-

Suitable for Joining and repairing of pure Aluminium plates, bars, castings. Fabrications of tanks, vessels. Repairing of aluminium casings, bodies, welding of pure aluminium automotive parts. Decorative items. Good for electrical applications. Excellent electrical conductivity. Porosity free welding joints. Free flowing alloy.

### Specification:

**DIN** :- 1732 - SG – Al 99.8  
**AWS** :- SFA 5.10 - ER 1100

### Alloy Basis:

Cu – 0.05 To 0.2	Si – 0.30 max	Al – Balance
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### Melting Range:-

650 °C to 670 °C

### Properties:-

Applicable Gas :- Argon + Helium  
 Argon  
 Tensile Strength :- 60 85 N/mm<sup>2</sup>. Aprox.  
 Elongation :- 40 %

### 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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