

## DIF-FILL 306

COPPER ALLOY FILLER WIRE  
 FOR TIG , MIG , MAG WELDING

Suitable for TIG, MIG welding of copper and copper alloys like CuMn, CuSiMn etc.  
 Suitable for Alloy Steel surfacing. Ideal for Temperature and Corrosion resistance.

### Applications:-

Suitable for welding of automotive car bodies. Petrol tank covers, Copper to copper alloy welding, alloy steel, hot dipped galvanised steel, Aluminum coated parts. Excellent corrosion resistance and electrical conductivity. Porosity free welding joints. Free flowing alloy.

### Specification:

**DIN :- 1733 T.1 - S-Cu Si 3**  
**AWS :- SFA 5.7 - ER Cu Cu Si - A**

### Alloy Basis:

Cu – 95.00% min.	Si - 3.00%	Mn – 1.00%
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### Melting Range :-

910 °C To 1025 °C

### Properties:-

Applicable Gas :- Argon + Co2 + O2  
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 Argon  
 Tensile Strength :- 350 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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