



# TIGFIL 1100

GTAW ALUMINIUM ALLOYS

AWS A/SFA 5.10 **ER1100**

### CLASSIFICATION:

**EN ISO 18273**  
S Al 1100 (Al99.0Cu)

### KEY FEATURES:

- 99% aluminium solid wire
- Excellent feedability with consistent welding performance
- High corrosion resistance
- High electrical conductivity
- Excellent colour match with pure aluminium
- Radiographic weld quality


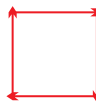
### TYPICAL APPLICATIONS:

- Welding of 1XXX series and commercially pure aluminium
- For Al 99.8, Al 99.7, Al 99.5, E-Al
- Tanks, brackets, bus bodies

### CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

Si + Fe	Cu	Mn	Zn	Ti	Be	Al
0.95 max	0.05-0.20	0.05 max	0.10 max	0.20 max	0.0003 max	99.0 min

### PARAMETERS - PACKING DATA:

Ø, mm	Kg/Spool		
1.6 x 1000	8	 AC <b>STORAGE / HANDLING :</b> Keep dry and follow handling instructions mentioned on the box	All Positions 
2.0 x 1000	8		
2.4 x 1000	8		

Shielding Gas	Gas Flow Rate, LPM
Ar	10-20

Available in Standard carton packing of 8 kg box, containing 4 plastic tubes of 2 kg each.