



GMAW/GTAW ALUMINIUM ALLOYS

AUTOMIG 1100 / TIGFIL 1100

1100 GRADE ALUMINIUM WIRE



CLASSIFICATION : AWS A/SFA 5.10

ER1100

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

WELDING POSITION :



DCEP

Shielding Gas	Gas Flow Rate, LPM	Stickout, mm
Ar or Ar/He	10-20	10-20

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

STORAGE / HANDLING :

Keep dry and follow handling instructions mentioned on the box

CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt% :

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

PACKING DATA :

Automig 1100	Ø, mm	Kg/Spool
	1.2	7
	1.6	7