

## PRODUCT INFORMATION

### SIFMIG 1050

EN ISO 18273: S Al 1070 (Al99.7)  
AWS A5.10: ER1100  
BS 2901: 1050A  
BS 1845: NG3

### DESCRIPTION

A pure aluminium (99.5% min) shaved wire which produces a ductile weld equal in strength to that of the base metal. Recommended for alloys that are to be Anodised.

### WELDING POSITIONS



TIG/MIG Filler Wire for Pure Aluminium

### TYPICAL WELD METAL COMPOSITION

Al	Bal.
Mg	0.2
Si	0.4
Mn	0.2
Fe	0.16

### TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	85
Yield Strength	35
Elongation	40

### MATERIAL TO BE WELDED

Joining of Pure Aluminium by Tig process: 1050, 1080, 1200, LM0  
Can be used with Oxy – Acetylene and an appropriate flux as a Brazing alloy.

### AVAILABLE FORMATS

SPOOLED WIRE (MIG / MAG / GMAW)			
Dia			6.5kg
0.8mm			WO140865
1.0mm			WO141065
1.2mm			WO141265
1.6mm			WO141665

Shielding Gas : Pure Argon or Ar/He

For further information, contact Weldability | Sif technical support on 0870 330 7757 or email [service@weldability-sif.co.uk](mailto:service@weldability-sif.co.uk)



Doc Ref : SIF/PI/ WO140865