



AWS A5.10 92: ER1100~
BS 2901 1990 Pt 4 1050A

Aluminium Filler Wire

Joining of Pure Aluminium

AW-1050

DESCRIPTION & APPLICATION

TIG/MIG Filler Wire for the repair and reclamation of Pure Aluminium Can be used with Oxy – Acetylene and an appropriate flux as a Brazing alloy. Can be used for alloys that are to be Anodised. Soft wire - best used in MIG form with Spool-on-Gun or push-pull setup.

BASE MATERIALS

Joining of Pure Aluminium by TIG process or Oxy-Acetylene.
1050, 1080, 1200, LMO.

MECHANICAL PROPERTIES

~85

UTS n/mm

~35

YIELD 0.2%

~40

ELONG A5%

METAL WELD COMPOSITION %

Al

BAL

Si

0.04

Mn

0.002

Mg

0.002

Fe

0.16

PACKAGING

7kg Spools (MIG)
2kg Tubes (TIG)

DIAMETERS

0.8, 1.0, 1.2, 1.6mm (MIG)
1.6, 2.4, 3.2mm (TIG)

WELDING INSTRUCTIONS

Shielding Gas Pure Argon or Argon/Helium.
Oxy-acetylene - neutral flame with appropriate flux.

For more details on welding of Aluminium Alloys, please see our Information Sheets.
Visit: www.westbrookwelding.co.uk/downloads