

PRODUCT INFORMATION

SIFMIG 4047

EN ISO 18273: S Al 4047A (AlSi12)
BS: 2901: 4047A (NG2)

DESCRIPTION

An Aluminium alloy containing 12% Silicon, for high silicon alloys and automotive work. Typically chosen where good colour matching to parent material is important. Precision layer-wound for positive uninterrupted feeding. Suitable for gas-shielded MIG welding on both semi-automated and fully-automated systems.

WELDING POSITIONS



Ensure that the parent metal surface is cleaned and fully degreased prior to welding. Clean joints with a stainless steel brush.

TYPICAL WELD METAL COMPOSITION

Si	12 %
Al	Bal

TYPICAL MECHANICAL PROPERTIES

Melting Point	585 °C
Ult Tensile Strength	130 N/mm ²
Hardness	50

MATERIAL TO BE WELDED

Suitable for all types of aluminium castings. Typical applications include repair, surfacing and construction of window frames, tubes, furniture, engine blocks and automotive parts.

AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia		2.0kg	6.5kg
1.0mm		WO161020	WO161065
1.2mm			WO161265
1.6mm			WO161665

Current :	DC =+
Shielding Gas:	Argon, Argon/Helium

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**

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