



## PRODUCT INFORMATION

### SIFMIG 4043

EN ISO 18273: S Al 4043A (AlSi5)  
BS: 2901: 4043A (NG21)

## DESCRIPTION

An Aluminium alloy with 5% silicon giving excellent flow characteristics and penetration. Precision layer-wound for positive uninterrupted feeding. Suitable for use in 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	5 %
Al	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	635°C
Ult Tensile Strength	120 N/mm <sup>2</sup>
Hardness	40

## MATERIAL TO BE WELDED

Suitable for welding duralumin, cast and wrought alloys 6063 (H9), 6061 (H20) and 6082(H30), as well as other '4 series' aluminiums. The resulting weld will discolour if anodised. Pre-heating up to 120°C may be necessary, subject to material size and thickness. Wire brushing between passes is recommended, to remove build up of surface oxides.

## AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia	0.5kg	2.0kg	6.5kg
0.8mm	WO150805	WO150820	WO150865
1.0mm	WO151005	WO151020	WO151065
1.2mm	WO151205	WO151220	WO151265
1.6mm			WO151665

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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