



**PRODUCT INFORMATION**

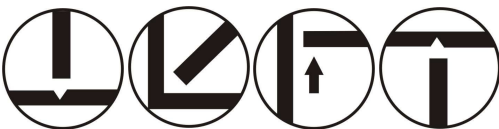
**SifAlumin No16**

EN ISO 17672 Al112  
 EN ISO 18273 S Al 4047A (AlSi12)  
 BS: 2901 4047A (NG2)

**DESCRIPTION**

An Aluminium TIG alloy containing 12% Silicon, for high silicon alloys and automotive work. Typically chosen where good colour matching to parent material is important.

**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 <sup>2</sup>
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.

Frequently used in the aerospace sector and a brazing alloy on thin gauge material.

**AVAILABLE FORMATS**

SPOOLED WIRE			
Dia		1.0kg	2.5kg
1.6mm		RO161601	RO161625
2.4mm		RO162401	RO162425
3.2mm		RO163201	RO163225

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

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



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Doc Ref : SIF/PSI/RO161601