

## PRODUCT INFORMATION

**SIF FLUXCORE AISi5**

EN ISO 18273 S AL 4043A

## DESCRIPTION

Our Fluxcore AISi5 is a flux cored aluminium wire rod for oxy-acetylene gas welding, repairing and surfacing forged and cast aluminium-silicon alloys and joining dissimilar aluminium alloys with a maximum 7% Si content. The internal flux core of the rod eliminates the need of additional fluxes.

## WELDING POSITIONS



Suitable for use in general fabrication and construction with aluminium base metals. Also suitable for ship and offshore construction along with repair and maintenance applications.

## TYPICAL WELD METAL COMPOSITION

Si	5.0%
Mn	0.05%
Al	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	573 - 625 °C
Ult Tensile Strength	≥ 130 N/mm <sup>2</sup>
Yeild Strenght	70 N/mm <sup>2</sup>
Elongation	≥ 16 %

## MATERIAL TO BE WELDED

Can be used with Aluminium based materials such as Aluminium-MgSi alloys, Aluminium-Mg alloys upto 2.5% Mg, Aluminium-MuCu alloys, Aluminium-Si cast alloys and can also be used for joining dissimilar aluminium alloys.

## AVAILABLE FORMATS

ROD PACKS	
Dia	1KG PACK
3.0mm	RO153001F

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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