

## PRODUCT INFORMATION

### SIFAlloy No75

AWS A5.1AWS A5.16Ti-5  
AMS 4954

### DESCRIPTION

This alloy is commonly called '6-4', for welding alloyed titanium with 6% aluminium and 4% vanadium. This wire provides high strength, weldability, excellent fatigue strength and hardness. SIFAlloy No75 can also be heat treated.

### WELDING POSITIONS



For use in all positions.

### TYPICAL WELD METAL COMPOSITION

C	0.5%
Al	5.8%
V	4%
Ti	Bal

### TYPICAL MECHANICAL PROPERTIES

Melting Point	1668°C
Ult Tensile Strength	890 N/mm <sup>2</sup>
Hardness	334

### MATERIAL TO BE WELDED

Suitable for a wide range of applications such as petrochemical, aircraft components, motorsport components, turbine parts and blades, exhaust systems and heat exchanges.

### AVAILABLE FORMATS

WIRE RODS		
Dia	1.0kg	2.5kg
1.0mm	RT751001	RT751025
1.2mm	RT751201	RT751225
1.6mm		RT751625
2.4mm		RT752425

Shielding Gas :	Ar/ArHe
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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