

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 ²
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