SIFTIG Ti5 6-4 Titanium Alloy TIG Rod

SIFALLOY No. 75

This alloy, commonly referred to as '6-4', is used for welding alloyed titanium containing 6% aluminium and 4% vanadium. This wire offers high strength, excellent weldability, fatigue strength, and hardness. SIFTIG Ti5 6-4 Titanium TIG Rod can also be heat-treated.

Suitable for a wide range of applications, including petrochemical equipment, aircraft components, motorsport parts, turbine components and blades, exhaust systems, and heat exchangers.

Positions



For use in all positions.

Current DC=-
Shielding Gas Ar/ArHe

Typical Weld Metal Composition

Ti	Bal	Al	5.8%	V	4%

Typical Mechanical Properties

Melting Point	1668°C
Ultimate Tensile Strength	890N/mm^2
Hardness	334

Available Formats

Dia.	2.5kg
1.0mm	RT751025
1.2mm	RT751225
1.6mm	RT751625
2.4mm	RT752425

Standards

AWS A5.16 ERTi-5
AMS 4954