SIFTIG 410
Stainless Steel TIG Rod

A martensitic stainless steel filler rod designed for welding Type 410 and similar 12–14% chromium steels.
Provides high strength, good wear resistance, and moderate corrosion resistance. The weld metal is hardenable and may be heat-treated to achieve increased hardness and improved mechanical properties. Preheating and post-weld heat treatment are generally recommended to minimise the risk of cracking.

Commonly used for valves, turbine components, pump shafts, and hard-facing applications where strength and abrasion resistance are required.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Available Formats

Dia.	2.5kg
1.6mm	RO4101625
2.4mm	RO4102425
3.2mm	RO4103225

Typical Weld Metal Composition

C 0.12% Si 0.3% Mn 0.5%
Cr 12.2%

Typical Mechanical Properties

Melting Point	1480°C
Ultimate Tensile Strength	460N/mm^2
Hardness	35-45

Standards

EN ISO 14343-A: W 13
SFA/AWS A5.9: ER410