SIFTIG 420
Stainless Steel TIG Rod

A high-carbon martensitic stainless steel TIG filler rod designed for welding Type 420 and similar high-carbon 12–14% chromium steels.

Produces very hard, wear-resistant weld deposits with moderate corrosion resistance. The weld metal is fully hardenable and can achieve high hardness levels after heat treatment.

Preheating and post-weld heat treatment are strongly recommended to minimise cracking.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Available Formats

Dia.	2.5kg
1.6mm	RO4201625
2.4mm	RO4202425
3.2mm	RO4203225

Typical Weld Metal Composition

C 0.4% Si 0.5% Mn 0.6%
Cr 14.0%

Typical Mechanical Properties

Melting Point	1500°C
Ultimate Tensile Strength	490N/mm^2
Hardness	30

Standards

AWS A5.9: ER420
EN ISO 14343-A: W 13 C