SIFTIG 430
Stainless Steel TIG Rod

A ferritic stainless steel TIG filler rod designed for welding Type 430 and similar 16–18% chromium ferritic stainless steels.

Produces ductile, corrosion-resistant weld deposits with good resistance to oxidation and stress corrosion cracking. The weld metal is fully ferritic and offers good formability compared to martensitic grades.

Unlike martensitic fillers, ER430 is non-hardenable and generally does not require post-weld heat treatment.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Available Formats

Dia.	2.5kg
1.6mm	RO4301625
2.4mm	RO4302425
3.2mm	RO4303225

Typical Weld Metal Composition

C	0.02%	Si	0.5%	Mn	0.6%
Cr	18.5%	Ni	0.2%		

Typical Mechanical Properties

Melting Point	1500°C
Ultimate Tensile Strength	690N/mm^2
Hardness	45

Standards

AWS A5.9: ER430
EN ISO 14343-A: W 17