SIFTIG 317L
Stainless Steel TIG Rod

SIFTIG 317L is a molybdenum-alloyed austenitic stainless steel TIG filler rod with enhanced corrosion resistance compared to 316L grades.

It deposits a low-carbon 18% Cr – 15% Ni – 3–4% Mo weld metal, providing superior resistance to pitting and crevice corrosion, particularly in chloride-containing and acidic environments.

The low carbon content minimises the risk of intergranular corrosion in welded structures.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Typical Weld Metal Composition

C	0.01%	Si	0.4%	Mo	3.6%
Cr	19%	Ni	13.7%		

Typical Mechanical Properties

Melting Point	1420°C
Ultimate Tensile Strength	620N/mm^2
Hardness	20

Available Formats

Dia.	2.5kg
1.6mm	RO241625
2.4mm	RO242425
3.2mm	RO243225

Standards

EN ISO 14343-A: W 18 15 3 L
AWS A5.9: ER317L