SIFTIG 5183 Aluminium TIG Rod

SIFALUMIN No. 28

A special aluminium alloy containing 5% magnesium and 0.75% manganese for improved weld strength and resistance to seawater. Provides excellent feedability and arc control, and the low oxide levels result in superior welds.

Suitable for use in general aluminium fabrication and repairs on boats and ships, bullbars and rollbars, storage tanks, and welding of aluminium alloys where higher strength is required. SIFTIG 5183 Aluminium TIG Rod can also be used on forged and cast aluminium-manganese alloys where high tensile strength and/or high resistance to seawater is required.

Positions



For use in all positions.

Current	AC
Shielding Gas	ArHe

Typical Weld Metal Composition

Cu	0.05%	Mn	0.75%	Si	0.25%
Zn	0.25%	Ti	0.15%	Mg	5%
Cr	0.15%	Fe	0.4%	Al	Bal

Typical Mechanical Properties

Melting Point	574°C (solidus) 638°C (liquidus)
Ultimate Tensile Strength	275N/mm^2
Hardness	60

Available Formats

Dia.	2.5kg
1.6mm	RO281625
2.4mm	RO282425
3.2mm	RO283225

Standards

EN ISO 18273-S Al 5183 (AlMg4.5Mn0.7)
(BS 2901 5183)

CE