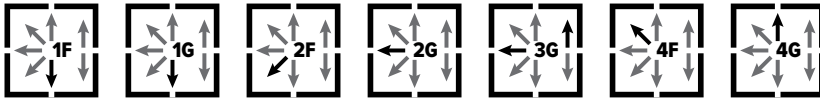


ALUMINIUM

HYPER ⚡ **TIG** **5356**



Summary

HYPERTIG 5356 is an aluminium welding rod predominantly used for welding 5XXX series aluminium alloys with higher magnesium content. It offers strong resistance against saltwater corrosion, making it the go-to option for marine and other corrosive environments. The rod assures consistent weld quality with excellent tensile strength, making it particularly useful in high-stress applications.

Typical Applications

- Marine structures and shipbuilding
- Welding of 5XXX series aluminium alloys
- General aluminium construction projects exposed to marine or corrosive environments
- Industrial equipment and machinery
- Maintenance and repair of structures in corrosive environments

Classification

- AS/NZS ISO 18273

Standards

- AWS A5.10 ER5356
- EN ISO 18273: 2004-S Al 5356
- AS/NZS ISO 18273: W Al 5356

Approvals

- ABS
- BV
- CE
- DNV

Packaging Info

SKU	FILLER ROD SIZE	WEIGHT	DESCRIPTION
AT5356-1.6-1KG	1.6mm	1kg	HYPERTIG 5356 TIG FILLER ROD 1.6MM 1KG
AT5356-1.6-5	3.2mm	5kg	HYPERTIG 5356 TIG FILLER ROD 1.6MM 5KG
AT5356-2.4-1KG	2.4mm	1kg	HYPERTIG 5356 TIG FILLER ROD 2.4MM 1KG
AT5356-2.4-5	2.4mm	5kg	HYPERTIG 5356 TIG FILLER ROD 2.4MM 5KG
AT5356-3.2-1KG	3.2mm	1kg	HYPERTIG 5356 TIG FILLER ROD 3.2MM 1KG
AT5356-3.2-5	3.2mm	5kg	HYPERTIG 5356 TIG FILLER ROD 3.2MM 5KG

Recommended Gas

- Ar 100%
- Ar + 10-30% He
- Ar + 50-75% He

Operating Polarity

- AC

Typical Chemical Composition (%)

Mn	Si	Cr	Ti	Cu	Al
0.124	0.054	0.108	0.071	0.003	Rem
Mg	Zn	Fe			
4.870	0.018	0.123			

Typical Mechanical Analysis

YIELD STRENGTH	411
TENSILE STRENGTH	280