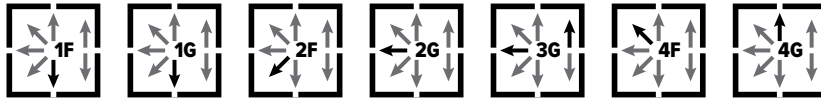


ALUMINIUM

HYPERMIG 5356



Summary

HYPERMIG 5356 is an aluminium MIG wire formulated for welding 5XXX series aluminium alloys, particularly those with a magnesium content of 3% or more. This wire is renowned for its superior corrosion resistance, making it an ideal choice for marine environments. The magnesium content also enhances the wire's strength characteristics.

Typical Applications

- Welding of 5XXX series aluminium alloys with small amounts of copper
- Marine components and ship structures due to its high strength
- Structural frame welding in non-corrosive conditions
- Construction of high-strength aluminium vessels

Classification

- AS/NZS ISO 18273

Standards

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

Approvals

- ABS
- DNV
- CE
- BV

Packaging Info

SKU	WIRE SIZE	WEIGHT	DESCRIPTION
AM5356-0.8MM-0.50KG	0.8mm	0.5kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 0.8MM 0.5KG
AM5356-0.9MM-0.50KG	1.0mm	0.5kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.0MM 0.5KG
AM5356-1.0MM-0.50KG	1.0mm	0.5kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.0MM 0.5KG
AM5356-1.0-2.0KG	1.0mm	2kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.0MM 2KG
UMA5356106	1.0mm	7kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.0MM 7KG
AM5356-1.2MM-0.50KG	1.2mm	0.5kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.2MM 0.5KG
AM5356-1.2-2.0KG	1.2mm	2kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.2MM 2KG
UMA5356126	1.2mm	7kg	HYPERMIG 5356 ALUMINIUM MIG WIRE 1.2MM 7KG

Recommended Gas

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

Operating Polarity

- DCEP

Typical Chemical Composition (%)

Mn	Si	Cr	Ti	Cu	Al
0.123	0.055	0.107	0.071	0.003	Rem
Mg	Zn	Fe			
4.873	0.017	0.121			

Typical Mechanical Analysis

YIELD STRENGTH	409
TENSILE STRENGTH	280