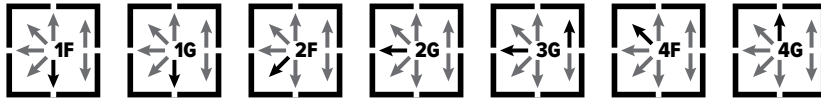


ALUMINIUM

HYPERMIG 4043



Summary

HYPERMIG 4043 is an aluminium MIG wire that is primarily designed for welding 6XXX series aluminium alloys. It contains silicon additives, which lead to enhanced fluidity (wetting action) of the weld pool, making the weld less prone to cracking. Additionally, due to its silicon content, 4043 yields a brighter weld finish with low soot.

Typical Applications

- General aluminium fabrication and construction
- Automotive components and transport structures
- Manufacturing of storage vessels and aluminium tanks
- Architectural elements in non-corrosive environments

Classification

- AS/NZS ISO 18273

Standards

- AWS A5.10 ER4043
- EN ISO 18273: 2004-S Al 4043
- AS/NZS ISO 18273: S Al 4043

Approvals

- ABS
- DNV
- CE
- BV

Recommended Gas

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

Operating Polarity

- DCEP

Typical Chemical Composition (%)

Mn	Si	Ti	Cu	Al	Fe
0.010	5.324	0.021	0.002	Rem	0.121

Typical Mechanical Analysis

YIELD STRENGTH	210
TENSILE STRENGTH	192

Packaging Info

SKU	WIRE SIZE	WEIGHT	DESCRIPTION
AM4043-0.9MM-0.5KG	0.9mm	0.5kg	HYPERMIG 4043 ALUMINIUM MIG WIRE 0.9MM 0.5KG
AM4043-1.2MM-0.45KG	1.2mm	0.5kg	HYPERMIG 4043 ALUMINIUM MIG WIRE 1.2MM 0.5KG
AM4043-1.2MM-7KG	1.2mm	7kg	HYPERMIG 4043 ALUMINIUM MIG WIRE 1.2MM 7KG