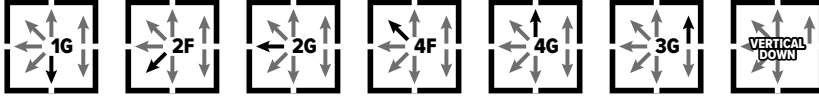


ALUMINIUM

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 | DESCRIPTION |
|---------------------|--|
| AM4043-0.9MM-0.5KG | HYPERMIG 4043 ALUMINIUM MIG WIRE 0.9MM 0.5KG |
| AM4043-1.2MM-0.45KG | HYPERMIG 4043 ALUMINIUM MIG WIRE 1.2MM 0.5KG |
| AM4043-1.2MM-7KG | HYPERMIG 4043 ALUMINIUM MIG WIRE 1.2MM 7KG |