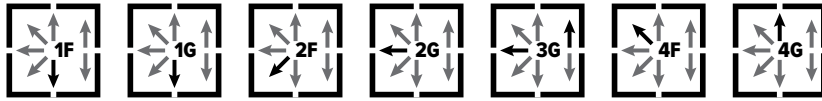


## ALUMINIUM

**HYPERMIG** **5183** **PREMIUM**


## Summary

HYPERMIG 5183 is an aluminium MIG wire specifically formulated for welding 5XXX series aluminium alloys, especially those with a higher magnesium content.

- Stands out for its excellent mechanical properties at higher temperatures and its superior resistance to hot cracking
- Cold-drawn and packed in Switzerland 
- Provides consistent and reliable performance for applications demanding high shear strength

## Typical Applications

- Welding of high magnesium aluminium alloys
- Marine construction where higher tensile strength is required
- Industrial applications requiring enhanced stress-corrosion cracking resistance
- Structural and frame welding in demanding conditions

## Standards

- EN ISO 18273: 2004-S Al 5183
- AS/NZS ISO 18273: S Al 5183
- AWS A5.10 ER5183

## Approvals

- ABS
- BV
- CWB
- DNV
- Lloyds Register of Shipping
- TUV

## Recommended Gas

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

## Operating Polarity

- DCEP

## Typical Chemical Composition (%)

| Mn    | Si   | Cr    | Ti   | Cu    | Al  |
|-------|------|-------|------|-------|-----|
| 0.61  | 0.05 | 0.06  | 0.06 | 0.001 | Rem |
| B     | Mg   | Zn    | Fe   |       |     |
| 0.003 | 4.96 | 0.007 | 0.1  |       |     |

## Packaging Info

| SKU    | WIRE SIZE | WEIGHT | DESCRIPTION                                        |
|--------|-----------|--------|----------------------------------------------------|
| U11532 | 1.2mm     | 7kg    | HYPERMIG 5183 ALUMINIUM MIG WIRE PREMIUM 1.2MM 7KG |