

Product details: Welding wire AlMg4,5Mn ER5183 D100  
0.45kg 0.8mm

nov-Weld

product code: **M-5183-08-S100**  
product ean: **5900391253120**



**Standards:**

EN 13479  
EN ISO 18273-S Al 5183  
SFA/AWS A5.10:R5183

**Approvals:** DB

## Product variants

| Index   | Price   |
|---|---|
| <b>Welding wire AlMg4,5Mn ER5183 D100 0.45kg 0.8mm</b><br><b>M-5183-08-S100</b> | <b>€4.28 / pc</b><br>VAT 23%<br><b>€5.26 / pc</b> |

## Product description

### SPARTUS® AlMg4.5Mn ER5183 welding wire

The SPARTUS® AlMg4.5Mn ER5183 welding wire is a high-quality product designed for welding 5000 series aluminium-magnesium alloys. With excellent mechanical properties, high corrosion resistance, and durability in harsh weather conditions, it is an ideal choice for industrial and structural applications.

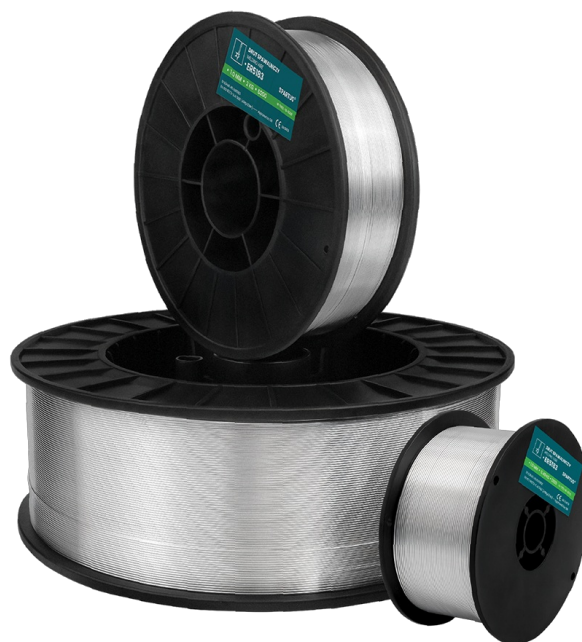
**Advantages:**

- Professional weld quality in demanding projects.
- Exceptional resistance to harsh environmental conditions.
- Versatile use across various industrial sectors.

**Key Features:**

- **Magnesium content** – provides outstanding mechanical properties and high strength.
- **Corrosion resistance** – ideal for use in corrosive environments, particularly in the marine industry.
- **Aesthetic welds** – creates smooth and durable joints with a professional appearance.
- **Stable welding arc** – easy application and precise process control.

**Applications:**



- **Welding aluminium-magnesium alloys** – especially recommended for alloys with high magnesium content, such as 5083, 5654, and similar.
- **Marine structures** – perfect for welding components exposed to seawater and moisture.
- **Industrial production** – widely used in shipbuilding, transportation, and construction industries.
- **Repairs and refurbishments** – effective for repairing aluminium structures with high strength requirements.

## Technical details

|                    |                |
|--------------------|----------------|
| Intended Use       | aluminum       |
| Type               | AlMg4.5 ER5183 |
| Wire diameter      | 0.8mm          |
| Welding wire spool | ≤ 1kg / Ø100mm |
| Weight             | 0.45kg         |