

product code: **M-5183-12-S200**  
product ean: **5900391253168**



**Standards:**

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

**Approvals:** DB

## Product variants

### Index

**Welding wire AlMg4,5Mn ER5183 D200 2kg 1.2mm**  
**M-5183-12-S200**

**Welding wire AlMg4,5Mn ER5183 D300 7kg 1.2mm**  
**M-5183-12-S300**

## Product description

# SPARTUS® AlMg4.5Mn ER5183 welding wire

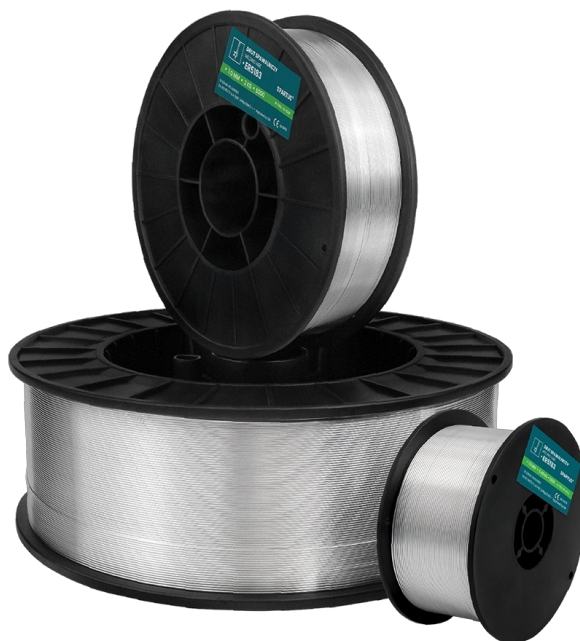
The SPARTUS® AlMg4.5Mn ER5183 welding wire is a high-quality product designed for welding 5000 series aluminium-magnesium alloys. With excellent mechanical properties, high corrosion resistance, and durability in harsh weather conditions, it is an ideal choice for industrial and structural applications.

### 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	1.2mm
Welding wire spool	≤ 5kg / Ø200mm
Weight	2kg