

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

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

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## 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.

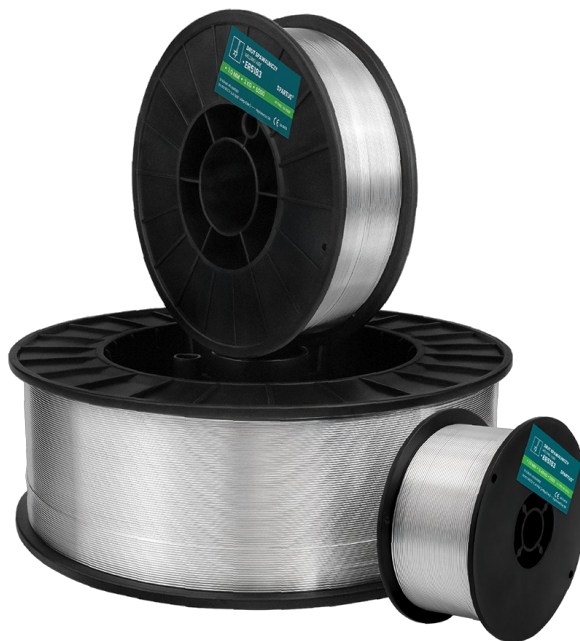
**Advantages:**

- 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