

product code: **M-5183-10-S300**

product ean: **5900391253175**



Standards:

EN 13479

EN ISO 18273-S Al 5183

SFA/AWS A5.10:R5183

Approvals: DB

Product variants

Index

Welding wire AlMg4,5Mn ER5183 D300 7kg 1.0mm

M-5183-10-S300

Welding wire AlMg4,5Mn ER5183 D100 0.45kg 1.0mm

M-5183-10-S100

Welding wire AlMg4,5Mn ER5183 D200 2kg 1.0mm

M-5183-10-S200

Product description

SPARTUS® AlMg4.5Mn ER5183 welding wire

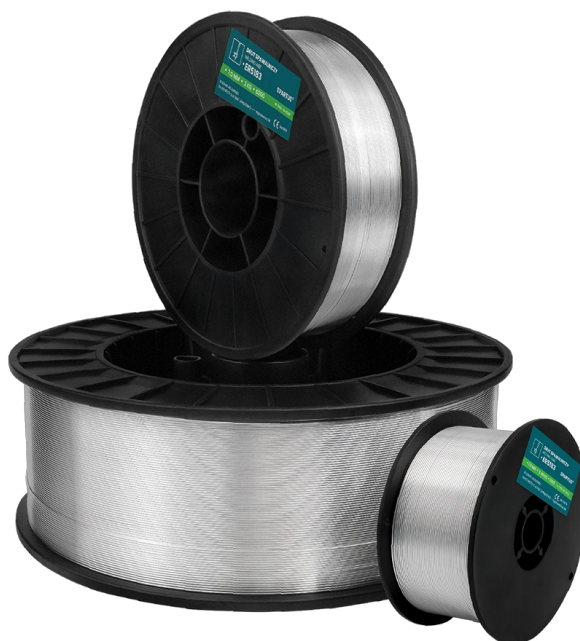
The SPARTUS® AlMg4.5Mn ER5183 welding wire is a high-quality product designed for welding 5000 series aluminium-magnesium alloys. With excellent mechanical properties, high corrosion resistance, and durability in harsh weather conditions, it is an ideal choice for industrial and structural applications.

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	1.0mm
Welding wire spool	≤ 15kg / Ø300mm
Weight	7kg