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product ean: 5900391253274



Standards:

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

Approvals: DB

Product variants

Index

Welding rod AlMg4,5Mn ER5183 1.6mm 2.5kg
T-5183-16-250

Product description

SPARTUS® AlMg4.5Mn ER5183 welding rod

The SPARTUS® AlMg4.5Mn ER5183 welding rod is a high-grade product designed for welding 5000 series aluminium-magnesium alloys. With excellent mechanical properties and high corrosion resistance, it is a reliable choice for the most demanding industrial applications.

Advantages:

- Reliability in harsh conditions – excellent resistance to atmospheric exposure.
- Versatile applications – from marine structures to industrial use.
- Professional weld quality – precise and durable joints in demanding projects.

Key Features:

- **High magnesium content** – ensures high mechanical strength and corrosion resistance.
- **Corrosion resistance** – ideal for applications in marine and high-humidity environments.
- **Smooth and aesthetic welds** – provides a professional appearance and long-lasting joints.
- **Stable welding process** – facilitates precise control during TIG welding.



Applications:

- **Welding aluminium-magnesium alloys** –

particularly recommended for high-magnesium alloys such as 5083 and 5654.

- **Marine structures** – ideal for welding components exposed to seawater and extreme weather.
- **Industrial production** – widely used in shipbuilding, construction, transportation, and pressure vessel manufacturing.
- **Aluminium structure repairs** – an excellent choice for repairs requiring high strength and durability.
- **Professional weld quality** – precise and long-lasting joints for demanding applications.

Technical details

Intended Use	aluminum
Type	AlMg4.5 ER5183
Rod diameter	1.6
Weight	2.5kg