

## Product details: High-alloy electrodes 309L-17 1.6x250mm 1kg

product code: **E-309L-16-100**  
product ean: **5900391252727**



**SPARTUS® electrodes are vacuumsealed and multi-layer protected to effectively prevent moisture absorption.**

### Standards:

EN 13479  
EN ISO 3581-A: E 23 12 LR 32  
SFA/AWS A5.4 : E309L-17

**Approvals:** TÜV, DB

## Product variants

### Index

---

**High-alloy electrodes 309L-17 1.6x250mm 1kg**  
**E-309L-16-100**

---

**High-alloy electrodes 309L-17 2.0x300mm 1kg**  
**E-309L-20-100**

---

**High-alloy electrodes 309L-17 2.5x350mm 1kg**  
**E-309L-25-100**

---

**High-alloy electrodes 309L-17 3.2x350mm 1kg**  
**E-309L-32-100**

---

**High-alloy electrodes 309L-17 4.0x350mm 1kg**  
**E-309L-40-100**

## Product description

### High-alloy electrodes 309L-17

309L-17 electrodes are austenitic stainless steel electrodes with reduced carbon content. They are intended for welding stainless steels to non-alloy and low-alloy carbon steels, as well as for surfacing components exposed to corrosion or high temperatures. The low carbon content minimizes the risk of intergranular corrosion.

### Key advantages:

- **High corrosion resistance** – ideal for use in chemically aggressive or humid environments.
- **Stable arc and smooth weld** – easy electrode handling and aesthetic weld appearance.
- **Low carbon content** – increases joint durability.
- **Excellent weldability** – steady arc performance, easy striking and re-striking.
- **Material versatility** – suitable for joining different types of steels (e.g., stainless to carbon steel).



### Applications:

- Welding stainless steel to carbon steel
- Joining stainless to structural steels (heterogeneous joints)
- Surfacing of worn or corrosion-exposed components
- Chemical, petrochemical, and food industry structures
- Power industry, pipelines, tanks, furnace housings