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## ROD ELECTRODE SUPRANOX 316L E 19 12 3 L R 12 2.5X300MM HIGH-ALLOY

**SKU:** 4028659278577

Rod electrode SUPRANOX 316L E 19 12 3 L R  
12 2.5x300mm high-alloy



**Categories:** [Filler materials](#), [Rod electrodes](#)

**Product Features:** Weight: 3.5 kg

Length: 300 mm

EN ISO: E 19 12 3 L R 12

Ø: 2.5 mm

Sheath: Rutile

Scope of delivery:

3,50 KG Rod electrode SUPRANOX 316L E 19  
12 3 L R 12 2.5x300mm high-alloy |

## PRODUCT DESCRIPTION

Standard designation: EN ISO 3581-A: E 19 12 3 L R 12 AWS A5.4: E 316L-17 High alloy

- Rutile-coated Properties and area of application: Rutile-coated rod electrode for homogeneous austenitic Cr-Ni-Mo steels/cast steel types. Thanks to its very low carbon content, suitable for LC steels as well as grades stabilised with titanium or niobium (e.g. AISI 316L, 1.4401 or 1.4571). Excellent welding properties with almost spatter-free spray transfer and self-releasing slag in most cases. Good ignition and re-ignition. Finely rippled weld appearance, concave fillet welds. For operating temperatures up to 400 °C under cold-condensate corrosion conditions, non-scaling up to 800 °C Base materials: AISI 316-316L-316LN ASTM A312 grade TP316, TP316L 1.4401 (X4CrNiMo17-12-2)

- (GX2CrNiMoN18-10)

- 1.4404 (X4CrNiMo17-12-2)

- 1.4406 (X2CrNiMoN17-11-2)

- 1.4408 (GX5CrNiMo19-11)

- 1.4429 (X2CrNiMoN17-13-3)

- 1.4435 (X2CrNiMo18-14-3)

- 1.4436 (X4CrNiMo17-13-3)

- 1.4571 (X6CrNiMoTi17-12-2)

- 1.4580 (X6CrNiMoNb17-12-2)

- 1.4581 (GX5CrNiMoNb19-11)

- 1.4583 (X10CrNiMoNb18-12) ASTM A351 grade CF3M, CF3MA Approvals: TÜV / DB / ABS / BV / DNV / GL / LRS / CE / RINA Current type = + / ~ Welding position: PA, PB, PC, PD, PE, PF



- Prices per kilogram, plus applicable alloy supplement per kilogram on day of delivery Further technical information:

- Contents: 190 pc.

- Alloy: High alloy

#### **PRODUCT DATASHEET LEGAL NOTE**

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