

PRODUCT INFORMATION

SIFTRODE STAINLESS 316

EN 1600: E19 12 3 LR 32
AWS A5.4: E 316L-16

DESCRIPTION

Our multi-purpose rutile electrode for welding low carbon austenitic acid resistant stainless steels grades like AISI 316, 316L. Universal in applications but typical for all industries where superior erosion resistance is required: textile industry, paper mills, chemical industry, food industry etc. Provides resistance to general and intergranular corrosion (up to 400 °C) and good resistance to hot cracking. Re-dry at 300 °C for a minimum of two hours.

WELDING POSITIONS



Suitable for use in applications in construction works, repair shops, paper mills, the shipyard and offshore industries, the pressure vessel and boiler industry, the food and textile industries, and the petrochemical industry.

TYPICAL WELD METAL COMPOSITION

C	0.03
Mn	0.80
Si	0.80
Cr	18.8
Ni	11.7
Mo	2.7

TYPICAL MECHANICAL PROPERTIES

Tensile strength	> 580 N/mm ²
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MATERIAL TO BE WELDED

Can be used on 316, 316L, 316LN, 316Cb, 316Ti, 1.4583, 1.4435, 1.4436, 1.4404, 1.4401, 1.4571, CrNiMo 17 2 3 and similar stainless steel grades.

AVAILABLE FORMATS

ELECTRODE RODS (MMA / SMAW)			
Dia	2.5kg Pkt		Pcs/Pkt
2.5mm	RE3162525		120
3.2mm	RE3163225		65

MMA WELDING	
AC or DC EP	
50v	
50 – 120 A	

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@wholeweld.co.uk



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Registered Office: as above

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