

PRODUCT INFORMATION

SIFCHROME 316L

EN ISO 1600 : E19 12 3 LR 12
AWS A5.4 E316L-17

DESCRIPTION

A rutile coated electrode for welding molybdenum alloys 18/12 and similar CR/Ni/Mo steels. SIFCHROME 316L produces a self-releasing slag and excellent weld appearance. It also provides high resistance against general and intergranular corrosion (up to 400°C) and good resistance to hot cracking.

WELDING POSITIONS



Suitable for use in fillet, downhand, vertical up and overhead positions.

TYPICAL WELD METAL COMPOSITION

C	0.03
Cr	18.8
Mn	0.80
Mo	2.6
Ni	11.7
P	0.030
S	0.025
Si	0.86

TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	580 N/mm ²
Yield Strength	450 N/mm ²
Impact Values ISO-V	32J @ -120°C
Elongation	35%

MATERIAL TO BE WELDED

Suitable for universal applications but typical for all industries where superior corrosion resistance is required, such as textile industry, paper mills, chemical industry and cellulose industry. Commonly used in shipbuilding and offshore, power generation, general fabrication and construction and process industry.

AVAILABLE FORMATS

STAINLESS STEEL ELECTRODES		
Dia	4kg canister	Length
1.5mm	RC3161540	300mm
2.0mm	RC3162040	300mm
2.5mm	RC3162540	300mm
3.2mm	RC3163240	300mm
4.0mm	RC3164040	300mm

Current:	AC/DC =+
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For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com



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