

PRODUCT INFORMATION

SIFCHROME 307

EN ISO 3581-A: E 18 8 Mn Mo R 12
AWS A5.4 E307-17

DESCRIPTION

A rutile basic-coated electrode for joining dissimilar steels and difficult to weld steels. Recommended for buffer layers prior to surfacing. Excellent weld appearance and durability.

WELDING POSITIONS



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

TYPICAL WELD METAL COMPOSITION

C	0.10
Cr	18.8
Mn	6.50
Ni	8.80
P	0.030
S	0.030
Si	0.75

TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	650 N/mm ²
Yield Strength	500 N/mm ²
Impact Values ISO-V	80J @ +20°C
Elongation	30%

MATERIAL TO BE WELDED

SifChrome 307 is designed to produce moderate strength-crack resistant weld deposits in armor plate and between dissimilar steels such as 14% manganese steel to carbon steel forgings or castings. A perfect electrode to use on difficult to weld steels. Excellent for joining wear resistant steel plates of high tensile strength, for welding stainless steel to carbon steel and for building up rails. Commonly used in mining and dredging equipment as well as within steel manufacturing facilities.

AVAILABLE FORMATS

STAINLESS STEEL ELECTRODES		
Dia	4kg canister	Length
2.5mm	RC3072540	350mm
3.2mm	RC3073240	350mm
4.0mm	RC3074040	350mm

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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