PRODUCT INFORMATION

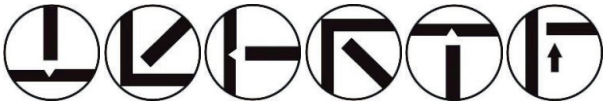
STAVINOX 7018

AWS A:5.1: E7018
EN ISO 2560-A - E 42 5 B 4 2 H5

DESCRIPTION

STAVINOX 7018 is a basic-coated low-hydrogen mild and low-alloy steel MMA electrode, specifically designed to enhance deposition rate and improve the appearance of the weld bead when working with restrained joints. It exhibits excellent re-strike capability and minimal spatter levels, and is part of the E7018/E7018-1 family offering high deposition with extremely low diffusible hydrogen content conforming to H4/H4R standards.

WELDING POSITIONS



Versatile electrode usable in all welding positions, including pipe welding, with top-notch mechanical properties exceeding industry standards.

TYPICAL WELD METAL COMPOSITION

C	0.15 Max	Cr	0.20 Max
Si	0.75 Max	Ni	0.30 Max
Mn	1.60 Max	Mo	0.30 Max
S	0.035 Max	V	0.08 Max
P	0.035 Max		

TYPICAL MECHANICAL PROPERTIES

Yield Strength Ult	>400 N/mm²
Tensile Strength	>490 N/mm²
Elongation	>22%
Impact Values ISO-V	63.78J at -30°C

MATERIAL TO BE WELDED

STAVINOX 7018 is suited to mild and low-alloyed steel fabrication, particularly in situations with high restraint, where low diffusible hydrogen content is critical to crack-free welds. Current/polarity: AC; DC+.

AVAILABLE FORMATS

RE762550-SV	2.5mm 5kg VP
RE763250-SV	3.2mm 5kg VP
RE764050-SV	4.0mm 5kg VP

For further information, contact Weldability-SIF on +44 1462 482200 or email orders@weldability-sif.com

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