

NST SM-3A METALLITÄYTELANKA 1,2mm/12,5kg



Tuote

Tuotekoodi:	SM3A-1.2/12.5
Viivakoodi:	8570000000000

Tekniset tiedot

Paino:	1 kg
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SM-3A

Metallitäytelanka ilman kuonaa seostamattomille teräksille.

AWS A5.18 E70C-GM
AWS A5.36 E71T15-M21A4-CS1
EN ISO 17632-A: T 42 4 ZMn M M21 1 H5
EN ISO 9606-1: FM1

SM-3A, is a metal cored seamless wire developed for use with Argon/CO2 mixed (M21) shielding gas. The wire is designed to be used both for automated and manual welding of horizontal butt welds plus fillet welds in the spray arc range. It can also be used successfully in all positional welding in the short arc range (dip transfer mode). SM-3A consists mainly of metal flux which ensures high productivity. The seamless wire has a stable welding arc with low spatter and excellent visual bead shape. With only minor surface silica isles this greatly reduces re-ignition problems and ensures the welding of multiple layers without the need for inter run de-slagging. The metal cored wire has a clean, copper coated surface together with exact diameter and roundness which produces stable and even wire feeding. This is of great value when long conduit cables are used and when using any automated welding processes. Mechanical properties have been designed for Charpy impact values ≥ 47 joule at -40°C .

Typical chemical composition of all-weld-metal:

C	Si	Mn	P	S	Cu
0,05	0,56	1,56	0,010	0,013	0,25

Typical mechanical properties of all-weld-metal:

Yield	Tensile	Elongation	Charpy
520 Mpa	580 Mpa	29 %	70V(J)/-40°C

Diffusible hydrogen content:

≤5 ml/100g (2 ml/100g typical).

