



PRODUCT INFORMATION

SIFCORED E81T1-Ni1

EN ISO 17632-A-T 46 6 1Ni P M 2 H5
AWS A5.29 E81T1-Ni 1M-J

DESCRIPTION

A rutile flux cored wire which has been specially formulated to meet the rigorous demands for low temperature service steels. SIFCORED E81T1-Ni delivers a good weld bead appearance, negligible spatter losses and easy slag removal. This wire can be used in low temperature applications.

WELDING POSITIONS



Suitable for use in all positions.

TYPICAL WELD METAL COMPOSITION

C	0.055
Si	0.32%
Mn	1.26%
P	0.006%
S	0.006%
Ni	0.95%

TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	582 N/mm ²
Yield Strength	517 N/mm ²
Impact Values ISO-V	142J @ -60°C 153J @ -40°C
Elongation	29%

MATERIAL TO BE WELDED

Commonly used in offshore applications, pipeline construction and pressure vessels.

AVAILABLE FORMATS

SPOOLED WIRE	
Dia	15kg
1.2mm	WO811215

Shielding Gas :	CO ₂ /ArCO ₂
Current :	DC =+

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com

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