

❖ Product Description

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|---|---|
| I. A low carbon Ni-Cr-Mo solid wire. | IV. Highly applicable for cryogenic to high temperature application for temperature up to 540°C |
| II. The wire has typical 61Ni/22Cr/9Mo/3.5Nb+Ta alloy | V. The weld is Radiographic quality |
| III. An exceptional resistance to pitting, crevice and stress corrosion cracking in critical chloride media | |

❖ Range of Application:

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|---|--|
| i. For welding typical Ni-Co-Mo alloys | iv. Suitable for joining ASTM B443, B444, B446 to itself, to steel, to other Ni- based alloy |
| ii. Specially for Inconel 625, Incoloy 825, Alloy 20 | |
| iii. Good for cladding steel with Ni-Cr-Mo weld metal | |

❖ Classification:

- AWS/SFA 5.14 ERNiCrMo-3

❖ Chemical Composition

Type of Wire		C	Mn	Fe	Si	S	P	Cu	Ni	Al	Ti	Cr	Nb+Ta	Mo	Other Elements Total
ERNiCrMo-3	Min	-	-	-	-	-	-	-	58.0	-	-	20.0	3.15	8.0	-
	Max	0.10	0.50	5.0	0.50	0.015	0.02	0.50	-	0.40	0.40	23.0	4.15	10.0	0.50

❖ Wire Size & weld Position

- Diameter in mm-1.6, 2.0, 2.40, 3.20, 4.00 and 5.00
- All position

❖ Current and Gas- Flow Rate

- DCEN & 8-15 lit/min

❖ Packaging

Sizes available in cut length of 1000mm	1.60,2.00,2.40,3.20,4.00,5.00			
Packing Code	A		B	
Packing Available	5kg PLASTIC TUBE	20KG BOX	10KG PAPER TUBE	20KG BOX
Net Weight of Wire	5	20	10	20

Special Note: -

All the value above mentioned are typical values.

- (1) All the value above mentioned are typical values
- (2) Usually all chemistry and mechanical properties will depend on actual wire chemistry and arc voltage used for welding.

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