

❖ Product Description

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| <ul style="list-style-type: none"> I. A low carbon 96Ni/3Ti Nickel wire II. Unique in own way cause extremely strong and ductile weld metal is produced III. Has good resistance to cracking and oxidation | <ul style="list-style-type: none"> IV. Has low iron level for ensuring maximum corrosion resistance V. The weld is Radiographic quality |
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❖ Range of Application:

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| <ul style="list-style-type: none"> I. For welding of Nickel 200 and 201 II. Suitable for ASTM B160/161/162/163 III. Welding dissimilar iron base and nickel based alloys IV. Application in pumps and valves, cryogenics, chemical plants, caustic handling equipment, food processing equipment. | <ul style="list-style-type: none"> V. Good for overlaying on carbon and low alloy steels. VI. Can be used for handling low alkalis and halide |
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❖ Classification

- AWS/SFA 5.14 ERNi-1

❖ % Chemical Composition

Type of Wire		C	Mn	Fe	Si	Cu	S	P	Ni	Al	Ti	Other Elements
ERNi-1	Min	-	-	-	-	-	-	-	93.0	-	2.0	-
	Max	0.15	1.0	1.0	0.75	0.25	0.015	0.03	-	1.5	3.5	0.50

❖ Wire Size and 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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