

❖ Product Description

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|---|---|
| I. Al/5Si solid wire | III. Excellent resistance to hot cracking |
| II. The wire has good feedability with consistent welding performance and good efficiency | IV. Used on large scale for filler alloy |
| | V. The weld is Radiographic quality |

❖ Range of Application

- | | |
|--|---|
| I. For welding cast and wrought iron containing upto 7% Si | III. In automotive industry for general fabrication |
| II. For ship building, mobile machineries | IV. For welding similar grade Al alloys in the form of pipe, plate, forging and casting |

❖ Classification

- AWS/SFA 5.10 ER4047

❖ Chemical Composition

Type of Wire		Si	Fe	Cu	Mn	Mg	Zn	Be	Al	Other Each	Other Total
ER4047	Min	11.0	-	-	-	-	-	-	Rem	-	-
	Max	13.0	0.8	0.30	0.15	0.10	0.20	0.0003	-	0.05	0.15

❖ Wire Size & Weld Position

- | | |
|---|--|
| <ul style="list-style-type: none"> • Diameter in mm-
1.60,2.00,2.40,3.20,4.00,5.00 | <ul style="list-style-type: none"> • 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	2KG PLASTIC TUBE	8KG BOX	4KG PAPER TUBE	8KG BOX
Net Weight of Wire	2	8	4	8

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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