

## ❖ Product Description

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| <p>I. The wire with low carbon content</p> <p>II. The weld metal is good in resistance to intergranular corrosion without the use of stabilizer such as Niobium and titanium</p> <p>III. The weld is free from porosity and molten pool</p> | <p>IV. The weld metal has controlled ferrite which gives it ability to withstand temperatures upto 300°C and scale resistant upto 800°C</p> <p>V. Radiographic weld quality</p> |
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## ❖ Range of Application

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|--|---|
| <p>I. Good for welding austenitic alloys represented by AISI 317, 317L, 318 types</p> <p>II. Pipes tubes used in fabricating equipment for chemical industries</p> | <p>III. Also suitable for dairy &amp; fertilizer industry, oil refineries</p> <p>IV. Specially can be used for root run in above industries for welding</p> |
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## ❖ Classification

- AWS/SFA 5.9 ER317-L

## ❖ % Chemical Composition

Type of Wire		C	Mn	Si	S	P	Ni	Cr	Mo	Cu
ER317-L	Min	-	1.0	0.30	-	-	13.0	18.5	3.0	-
	Max	0.03	2.5	0.65	0.03	0.03	15.0	20.5	4.0	0.75

## ❖ 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.

## **SHAKUNT ENTERPRISES PRIVATE LIMITED**

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