

❖ Product Description

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| I. Low carbon, medium manganese and low silicon electrode | IV. High deposition rate, smooth bead appearance |
| II. Specially coated with surface lubricant to remove any wire contaminant | V. Minimum spatter occurrence, shallow penetration |
| III. Contact tip life increases as compared with non-copper coated wire alternative | VI. Specially for high tensile steels |
| | VII. Controlled chemistry |

❖ Range of Application

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|--|---|
| I. For mild strength steels with tensile strength up to 450-500Mpa | III. For fabrication of cylinders and vessels |
| II. For welding of beams in structures | IV. Welding of pressure vessels and shipyards |
| | V. Common carbon steels |

❖ Classification

- AWS/SFA 5.23 EA 2

❖ % Chemical Composition

Type of Wire		C	Mn	Si	S	P	Cr	Mo	Cu
EA 2	Min	0.05	0.95	-	-	-	-	0.45	-
	Max	0.17	1.35	0.20	0.025	0.025	-	0.65	0.35

❖ Wire Size & Welding Position

- | | |
|---|-------------------------------|
| • Diameter in mm- 1.60, 2.00, 2.40, 3.20, 4.00, 5.00. | • Weld Position- All position |
|---|-------------------------------|

❖ Packaging

- 25kg coil with or without support

Special Notes: -

- (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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