



NOUVARC MIG

Solid GMAW Filler Wire

AWS SFA 5.18 ER 70 S6

Characteristics

Copper coated CO₂ wire suitable for welding of flat, horizontal and vertical position including sheet metal. This wire can be used for single pass and multiple pass welding with excellent smooth weld bead where desired, even in rusty surface condition. Stable arc and smooth weld metal with less spatter with UTS upto 540 N/mm².

Usability

DC[+]

Typical End Chemistry of Weld Metal

C%	Mn%	Si%	S%	P%	Cu%
0.07-0.15	1.4-1.8	0.8-1.15	0.035 max	0.025 max	0.50 max

All- Weld Metal Properties with proper CO₂ shield

YS N/mm ²	UTS N/mm ²	% ELONG	CVN -20°C
420 min	500 min	22 min	>27J

Application

Mild steel and structural steel with UTS upto 540 N/mm²

Packing Particulars

- Diameter of wires : 0.8 mm / 1.0 mm / 1.20 mm /
1.60 mm / 2.00 mm / 2.50 mm
- Weight : 12.5 Kg & 15 Kg
- Packing : Wires will be wound on a spool
& packed in a carton box
- Jumbo Pack : 250 Kg weight with twist free wire

Gas

Recommended CO₂ Shielding gas Flow Rate : 8-12 lpm

ISO 9001 Certified Company

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