

MAXBOND

Ideal Electrode for Wide Gaps & Rusty Plates



- A general purpose, all position mild steel electrode and is easy to operate in all positions.
- The electrode has medium penetration.
- The electrode has ability to bridge wide gaps and ideal for poor fit up.
- Electrode is also usable on Rusty Plates.
- Electrode produces a flat, evenly rippled weld metal and slag is quick freezing and easy to remove



ADOR WELDING LIMITED
Central Marketing Office

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Ideal Electrode for Wide Gaps & Rusty Plates

CLASSIFICATIONS

BS 639 - E 4311R12 AWS A/SFA 5.1 E6012 IS 814 ER 4112 DIN 1913 - E4311R(C)312

APPROVALS

LRS, ABS, BV, DNV, IRS

IDENTIFICATION

Name Printed Current Conditions : AC or DC (-)

CHARACTERISTICS

A general purpose, all-position mild steel electrode designed for welding application of structural importance in general fabrication and repair work. The electrode has medium penetration and its ability to bridge wide gaps makes it ideal for poor fit up. Also usable on rusty plates. It produces a flat, evenly rippled weld bead. The slag is quick freezing and easy to remove & hence welder friendly. Easy to operate in all positions. Can be worked on DC(+) also.

TYPICAL APPLICATIONS

Steel furniture, truck bodies, storage tanks Light gauge work, foundry equipment
Tacking work, repair of small parts Construction equipment, machinery, barges etc

WELDING CURRENT (AMPS)

6.3mm	5.00 mm	4.00 mm	3.20 mm	2.50 mm
195-350	165-260	125-175	95-125	60-90

ALL WELD METAL CHEMISTRY (%)

C	: 0.12 max	Mn	: 0.35-0.55	Si	: 0.25 max
S	: 0.03 max	P	: 0.03 max		

ALL-WELD MECHANICAL PROPERTIES

	N/mm ²	CVN Impact Value	
UTS	410 min	Temp °C	J
YS	330 min	27 ± 2	47 min
Elong. % (L=4 x d)	22 min		

PACKING SPECIFICATIONS

Dia.mm	6.3	5.0	4.0	3.20	2.50
Length mm	450	450	450	450	350
Wt.per carton, kgs	5	5	5	5	5
Carton / box	4	4	4	4	4
Wt.per box, kgs.	20	20	20	20	20

India's Welding Power House

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