



CORE Weld Electrodes

E6013 Weld Electrodes

General purpose CORE electrode for manual metal arc welding of mild steel

CORE Electrodes are easy striking and come with a rutile coating. They are suitable for the repair and joining of mild steel with a slag that is smooth and free of any spatter

International Standards

ISO 2560 – A :2005	AWS A5.1-2004
E38 0 RC 11	E6013

All-Weld Metal Analysis wt%

C	Si	Mn	S	P
0.07	0.40	0.45	<0.009	<0.01

Typical All- Weld Metal Mechanical Properties

Yield Strength N/mm	Tensile Strength	Elongation	Impact Strength
330-470	430-550	>22	50-100
Welding Positions			
All Positions			
Materials			
All mild and medium carbon steels			

Sizes available

	Outer Box Size	Inner Box Size
2.5mm x 350mm	20kg – 4 Boxes – Approx 1088pcs	5kg – Approx 272pcs
3.2mm x 350mm	20kg – 4 Boxes – Approx 672pcs	5kg – Approx 168pcs
4.0mm x 400mm	20kg – 4 Boxes – 436pcs	5kg – 109pcs

Operating Requirements

DC+/AC				
50ocv min	50-70 A	60-100 A	80-150 A	130-200 A

Re-dry	½ - 1 hour at 60-80°C if required
--------	-----------------------------------

The information within this document is believed to be correct at the time of publication; however, the document is for guideline use only. For complete accuracy, always check the product with a CORE representative. Missing information was either not available or disclosed. It is your responsibility that any product meets the necessary requirements. Any reliance placed upon this information will be totally at the user's risk.

Core values, quality products