



## Nexus E7024

190% recovery Iron powder electrode for MMA welding of Mild Steels

High efficiency electrode for the rapid welding of mild and medium carbon steels fabrications. Producing butts and mitre finish fillet welds that have a self releasing slag that are smooth and free of spatter.

### International Standards

ISO 2560 - A - :2005	AWS A5.1-04
E 38 0 RR 73	E7024

### Typical All-Weld Metal Analysis (wt%)

C	Si	Mn	S	P
0.07	0.50	0.80	≤0.025	≤0.025

### Typical All-Weld Metal Mechanical Properties

Yield Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation %	Impact Strength 0°C
>440	510- 560	>24	70 J

### Welding Positions

Flat butt welds, flat fillet weld and horizontal vertical fillet weld
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### Materials

All mild and medium carbon steels
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### Packaging

Size mm	3.2 x 450	4.0 x 450	5.0 x 450
Pieces/Packet	40	24	16
Pieces/Carton	240	144	96
Kg/Packet	2.74	2.45	2.56
Packs/Carton	6	6	6
Kg/Carton	16.44	14.70	15.36

### Operating Requirements

DC+/- AC(50ocv min)	130-170 A	150-230 A	200-320 A
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### Additional Information

CE Certified	Constructional products directive (CPD)
Certification	BS EN 10204:2004 Type 2.2
Material safety data sheet	MSDS 04
Re-dry	1-2 Hours @ 200 - 250°C if required
Related Nexus Products	MIG Nexus SG2/SG3 TIG A15/A18