

Key Facts

- Smooth and consistent with very little spatter.
- Excellent striking and re-striking qualities.

Description

A rutile type, full iron powder electrode for efficient and economical structural steel welding. Ideal for down-hand and horizontal welding positions. Features excellent striking qualities with a smooth arc and little spatter.

Classification

AWS A5.1: E7024

Welding Positions

Flat, horizontal and downhand.

Markings & Identification

End tip Colour: Blue
 End side Colour: Red
 Printing: GEMINI 7024

Applications

Suitable in production or general fabrication where highest deposition rates are required. Useful for heavy structural welding including tanks, frames, girders, beams, ship structures and rolling stock.



Typical All Weld Metal Analysis

C - Carbon	Mn - Manganese	Si - Silicon
0.050%	0.800%	0.400%

Typical All Weld Metal Mechanical Properties

Yield Strength:	>500N/mm ²
Tensile Strength:	510-610N/mm ²
Elongation (5xD):	>24%
Reduction of Area:	60%
Impact Strengths ISO-V	60J @ 0°C <60J @ -20°C

Packaging & Ordering Information

Size	Packet	Ctn	Current Range	Part Number
3.2mm	5kg	20kg	130-160	100045
4.0mm	5kg	20kg	180-220	100046
5.0mm	5kg	20kg	270-320	100047

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.