



SUPERIOR MILD STEEL E6013 ELECTRODE

ISOARC Vytex Super Pro is a superior general purpose welding electrode for mild steels, medium coated and highly recommended for all position welding. It is very easy to use and has excellent welding characteristics. The arc action tends to be quiet and the slag is fairly fluid and extremely easy to remove.

Features & Benefits	Typical Applications
- Excellent strikeability and restrikeability - Smooth, stable arc - Low spatter - Easy slag removal - Excellent bead appearance - Suitable for AC and DCEP - All-position welding (except vertical down)	- Structural steel fabrication - General engineering - Construction - Maintenance & repair - Agricultural equipment - Heavy fabrication

Technical Information

Classification	AWS A5.1 E6013
Polarity	AC / DCEP
Welding Positions	Flat ■ Horizontal ■ Vertical Up ■ Overhead
Base Materials	Carbon steels and low alloy steels
Storage	Store dry. Holding oven 100–150°C after opening.

Mechanical Properties	Typical
Tensile Strength	≥ 490 MPa
Yield Strength	≥ 400 MPa
Elongation	≥ 28%

Current Range	
2.5mm	60 - 90A
3.2mm	80 - 130A
4.0mm	110 - 150A
5.0mm	140 - 200A



Manufactured by Thuthuka Welding Products (Pty) Ltd

Manufactured under an ISO 9001 quality management system using internationally proven formulations to deliver consistent welding performance and dependable quality.