



**PRODUCT INFORMATION**

**SIFTrode7024**

EN ISO 2560-A: E 42 0 RR 54  
AWS A 5.1: E7024

**DESCRIPTION**

Rutile-coated electrode for high recovery designed for the welding of carbon and carbon-manganese steels having medium mechanical properties.

**WELDING POSITIONS**



For use in downhand & Fillet positions.

**TYPICAL WELD METAL COMPOSITION**

C	0.07%
Mn	0.80%
P	0.025%
S	0.025%
SI	0.40%

**TYPICAL MECHANICAL PROPERTIES**

Ult Tensile Strength	550 N/mm <sup>2</sup>
Yield Strength	460 N/mm <sup>2</sup>
Elongation	24%
Impact Values	60J @ 0°C

**MATERIAL TO BE WELDED**

Suitable for butt and fillet welds on medium to thick plates in shipbuilding and structural steel. Can also be used in plate fabrication, mining equipment and earthmoving machinery.

**AVAILABLE FORMATS**

Electrode Rods	
Dia	5kg
3.2mm	RE723250
4.0mm	RE724050
5.0mm	RE725050

Current Range	
Current	Amps
3.2mm	85 - 120
4.0mm	120 - 160
5.0mm	160 - 230

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@weldability-sif.com](mailto:service@weldability-sif.com)



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