



## Nexus CCMS

### Copper coated mild steel wire for gas welding applications

Mild steel solid wire for Oxy/Acetylene gas welding giving high fluidity in the weld pool.

#### International Standards

<b>BS EN ISO 12536:2000</b>	<b>AWS A5.2-92</b>
<b>Grade O1</b>	<b>R 45</b>

#### Typical Wire Analysis (wt%)

<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>S</b>	<b>P</b>
<b>0.08</b>	<b>0.10</b>	<b>0.50</b>	<b>&lt;0.025</b>	<b>&lt;0.025</b>

#### Typical All-Weld Metal Mechanical Properties

<b>Yield Strength N/mm<sup>2</sup></b>	<b>Tensile Strength N/mm<sup>2</sup></b>	<b>Elongation %</b>	<b>Impact Strength +20°C</b>
<b>≥260</b>	<b>≥360</b>	<b>≥20</b>	<b>≥30J</b>

#### Welding Positions

<b>All Positions including vertical down</b>
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#### Materials

<b>S235JR, S235JO, S235G2T-S255GT, P235GH, P265GH</b>
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#### Packaging

<b>Size mm</b>	<b>1.6</b>	<b>2.4</b>	<b>3.2</b>
<b>Plastic 5 kilo Tube</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>

#### Additional Information

<b>Certification</b>	<b>BS EN 10204:2004 Type 3.1</b>
<b>Material safety data sheet</b>	<b>MSDS 07</b>
<b>Related Nexus Products</b>	<b>MIG Nexus SG2/SG3, Electrodes Nexus E6013/E7024</b>