

## PRODUCT INFORMATION

### WELDABILITY A18

EN ISO 14341-A: G 42 2 C1 / M21 3Si1

### DESCRIPTION

Copper coated double-deoxidised mild steel MIG wire for welding unalloyed and low-alloyed mild and medium tensile steels, for impact toughness down to -20C. Manufactured with a high-quality copper finish for improved feeding. Precision layer wound.

### WELDING POSITIONS



Suitable for use in general fabrication, construction, tanks and boilers, repair and autobody applications. Comprises manganese and silicon to provide good mechanical properties.

### TYPICAL WELD METAL COMPOSITION

C	0.1 %
Si	0.8 %
Mn	1.3 %

### TYPICAL MECHANICAL PROPERTIES

Melting Point	1450°C
Ult Tensile Strength	400 N/mm <sup>2</sup>
Hardness	120

### MATERIAL TO BE WELDED

Can be used on a wide variety of mild steels, structural steel, fine-grain steel, pipe steel, boiler steel and cast steel.

### AVAILABLE FORMATS

Dia	0.7kg	5.0kg	15kg
0.6mm	VZ180607	VZ180650	
0.8mm	VZ180807L	VZ180850L	VZ180815LW
1.0mm			VZ181015LW
1.2mm			VZ181215LW
1.6mm			VZ181615LW

Current :	DC = +
Shielding Gas :	CO <sub>2</sub> , ArCO <sub>2</sub>

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**

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