

Description

Matador Mild Steel MIG Wire is high quality copper coated welding wire suitable for the all positional Metal Inert Gas Welding (MIG) of mild and low alloy steels, used in general fabrication and structural work. The high quality copper coating ensures problem freefeeding, smooth current pick-up and minimal contact tip wear.

Typical chemical composition of deposited metal (%wt)

| C | Mn | Si | S | P | Cu |
|-----------|-----------|-----------|--------|--------|-------|
| 0.08-0.15 | 1.40-1.85 | 0.80-1.15 | ≤0.035 | ≤0.025 | ≤0.50 |

Typical mechanical properties of deposited metal

| Yield Point (N/mm ²) | Tensile Strength (N/mm ²) | Elongation (%) | Charpy V - Notch (J) |
|-------------------------------------|--|-------------------|-------------------------|
| 430 | 550 | 30 | -29°C 90 |



Recommended operating parameters

| Wire Size (mm) | 0.8 | 1.0 | 1.2 |
|-----------------------------------|------------------------------|---------|---------|
| Voltage Range (Volts) | 14-22 | 16-29 | 18-32 |
| Wire Feed Speed (metres / min) | 2.0-6 | 3.5-8 | 5-10 |
| Current Range (Amps) | 50-180 | 100-280 | 180-390 |
| Shield Gas | CO ₂ / Argoshield | | |

Ordering Information

Description

Matador Mild Steel MIG Wire 0.8mm (15kg)
 Matador Mild Steel MIG Wire 1.0mm (15kg)
 Matador Mild Steel MIG Wire 1.2mm (15kg)

Product No.

14047
 14048
 14049

The Right Choice

For inquiries contact us at :

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