

Technical Data Sheet

331M MIG Wire The Scavenger



Cronatron™
A LAWSON BRAND



Overview

331M MIG Wire is specially formulated to weld dirty, rusted or scaled surfaces. When compared to competitive products, it contains higher amounts of silicon and manganese, which are very strong deoxidizers. Deposits are smooth and free of porosity. 331M has excellent wetting action and a highly fluid puddle. It also produces the highest strength of all the carbon steel MIG wires. It is excellent for carbon steel sheet and plate applications in either butt or fillet joints.

Features/Benefits

- Outstanding cleaning action
- Excellent out-of-position characteristics
- High silicon and manganese contents
- Highest strength carbon steel MIG wire
- Can be applied in both short arc and spray modes
- Torch cuttable deposits
- No slag to remove

Applications

- HVAC duct work
- Heavy equipment
- Structurals
- Vehicle bodies
- Galvanized steel

Method of Application

MIG welding machine

Identification

Labeled spool

Directions for Use

See Product Information Report – Typical Operating Parameters for voltage, wire feed speed and wire stickout. Use 100% CO₂ or 75% Ar, 25% CO₂ gas. Use stringer bead or weave beads. For use on mild steels only.

Technical Specifications

Tensile Strength: 86,000 PSI (593 MPa)
Yield Strength: 72,000 PSI (496 MPa)
Elongation: 26%
Impact Properties: 67 ft./lbs. (91 J) at -20°F (-29°C)

Technical Tips

For typical operating parameters refer to Product Information Report – Typical Operating Parameters.