

# Technical Data Sheet

## 321M MIG Wire



**Cronatron™**  
A LAWSON BRAND



### Overview

Deep-penetrating, all-purpose mild steel MIG alloy for the tough, dirty jobs. Triple deoxidizing removes contaminants that induce spatter, porosity and inclusions.

### Features/Benefits

- All-position
- Deep penetration
- No flaking
- Easy feed
- Low amperage
- Convenient packaging

### Applications

- Sheet, plates, angles, beams, channels and joining of all mild steel structures
- Tanks and tank units
- Support parts and brackets
- Machinery and machine parts
- Automotive and truck bodies

### Method of Application

MIG welding machine

### Identification

Labeled spool

### Directions for Use

Use the short arc mode of transfer for thin metals and out-of-position welding. The spray arc mode can be used on heavier sections in the flat position only.

### Technical Specifications

Tensile Strength: 76,000 PSI (524 MPa)  
Yield Strength: 66,000 PSI (455 MPa)  
Hardness: Rb 75 to Rb 80  
Gas: 75% Ar, 25% CO<sub>2</sub>

### Technical Tips

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

