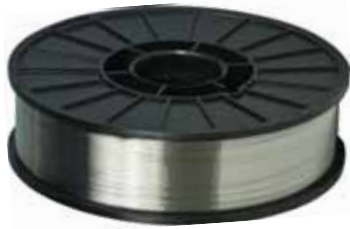


Technical Data Sheet

556M MIG Wire The Anodizer



Cronatron™
A LAWSON BRAND



Overview

556M MIG Wire is a high-strength aluminum alloy used for joining alloyed grades of aluminum. Totally adaptable to any maintenance requirement, 556M fills casting defects, builds up missing or broken sections, reinforces weak joints, repairs cracked castings and joins thick or thin members.

Features/Benefits

- Very high tensile strength
- Minimal weld spatter
- Flat weld beads
- High density
- High toughness

Applications

- Structural members
- Chemical components
- Frames
- Vehicles

Method of Application

MIG welding machine

Identification

Labeled wire spool

Directions for Use

Clean base metal with suitable chemical cleaner. Use DC reverse polarity with Argon shielding gas. Hold a short arc and run stringer beads or a slight weave bead.

Technical Specifications

Tensile Strength: 45,000 PSI (310 MPa) Density: .096 lbs./in.³ (2.7g/cm³)
 Yield Strength: 23,000 PSI (159 MPa) Gas: 100% Ar
 Elongation: 14%

Technical Tips

556M MIG Wire develops the highest as-welded strengths, nearly double that of ER4043. It offers an excellent combination of corrosion resistance, strength, toughness, workability and weldability. As a result, it is used in a wide variety of applications.

556 MIG Wire can be anodized.

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

