

Polaris® MIG

Gas Metal Arc Welding (GMAW – Wire)

For welding high strength, low alloy steels, low and medium carbon steels and problem type steels.

Features

- 100,000psi Strength
- Good Elongation
- Consistent Quality Welds
- Impact Resistant
- Excellent Out-Of-Position
- Copper Flashed

Characteristics

Polaris MIG is a deoxidized, copper-flashed manganese-silicon alloyed wire containing molybdenum. This alloy combination gives a high strength weld. The low carbon content provides good weldability and toughness.

Polaris MIG will provide consistent good quality welds while allowing for “fast freeze” weld puddle deposits. This makes it ideal for out-of-position welding. An excellent product for Sulphur bearing and free machining steels. **Polaris MIG** has superior high strength and good impact resistant qualities.

Technical

Inches	.035	.045
(mm)	(0.9)	(1.2)
Volts	15-29	17-34
Amps	60-225	100-300
Gas Flow (ft ³ /hr)	25	30

Use Reverse Polarity (DCEP)

Spool Size

- 2# Available in .035
- 11# Available in .035
- 33# Available in .035 and .045

Application

Applications include construction equipment, farm implements, highly stressed components, pipe welding and low alloy steels.

We recommend **Gemini Anti-Spatter spray** for lasting protection of your contact tip and MIG nozzle (see chemical aids in Abrasives & Metal Working products section).

Shielding Gas Options

- 100% CO₂
- 98% Argon - 2% O₂
- 95% Argon - 5% O₂
- 75% Argon - 25% CO₂
- 80% Argon - 20% CO₂