

Jupiter[®] MIG

Gas Metal Arc Welding (GMAW – Wire)

For joining weldable types of cast iron such as grey, ductile, malleable and steel to cast iron.

Features

- 60,000 psi Strength
- Machinable Deposits
- Buildup Or Overlay
- Steel To Cast Iron Joining

Characteristics

Jupiter MIG is a special alloy which permits wire feed welding on cast iron for joining, build-up or overlays. It will also join carbon steel to cast iron. With proper procedures, deposits are machinable with no undercutting. This alloy allows high speed weld deposits on cast iron.

Technical

Inches	.045
(mm)	(1.2)
Volts	19-22
Amps	150-170
Gas Flow (ft ³ /hr)	25

Use Reverse Polarity (DCEP)

Shielding Gas Options

- 100% Argon
- 75% Argon-25% CO₂

Application

- Appropriate cast iron preheat improves machinability and reduces stress in base metal.
- Use stringer beads with minimal weave.
- Peen to stress relieve.
- Pure Argon provides optimum running characteristics.
- 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).

Spool Sizes

- 5# Available in .045