

# Venus® MIG

## Gas Metal Arc Welding (GMAW – Wire)

For welding bronze, brass, copper, cast-iron, steel and other dissimilar combinations. Excellent for welding galvanized steel.

### Features

- High Strength 60,000 psi
- Excellent Wearing Surface
- Color Match On Bronze
- Good Corrosion Resistance
- Low Friction Surface
- Hardness BHN 75

### Characteristics

**Venus MIG** produces sound repairs and overlays on a wide variety of metals and dissimilar combinations. It also is recommended for use on cast-iron. Excellent results are obtained when joining steel to copper or brass.

Use **Venus MIG** on pumps, shafts or other bearing surfaces to produce a long-wearing, low friction surface. Deposits are smooth, dense and machinable.

### Technical

Inches	.035
(mm)	(0.9)
Volts	15-26
Amps	65-200
Gas Flow (ft <sup>3</sup> /hr)	20-35

Use Reverse Polarity (DCEP)

### Spool Size

- 30# Available in .035

### Application

- Clean brass metal completely.
- Preheat 500°F (260°C) to 700°F (371°C) for sections over 1/4".
- Do not restrain joints while working.
- 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% Argon
- 50% Argon – 50% Helium
- 75% Argon – 25% Helium