

TARTAN® - MIG

Gas Metal Arc Welding (GMAW)

For welding mild and medium alloy steels.

FEATURES

- 80,000 psi tensile strength
- Excellent elongation
- Excellent out-of-position characteristics
- Good quality welds
- 96-98% deposition efficiency
- Copper flashed
- Can be used on rusty, oily and dirty steel

CHARACTERISTICS

TARTAN-MIG is a deoxidized copper-flashed silicon-manganese alloyed wire with zirconium, aluminum, and titanium that consistently produces excellent quality welds.

TARTAN-MIG, with its low carbon content and “fast-freezing” puddle makes it ideal for any type of out-of-position welding.

Also, its additional deoxidants make it ideal for welding rusty, dirty, oily-type steels, while insuring consistent good quality welds.

5

APPROXIMATE SETTINGS: DCEP (reverse polarity)

WIRE DIAMETER	VOLTS	AMPS	GAS FLOW (Ft ³ /Hr)
.035”(0.9mm)	15-30	50-300	20-35
.045”(1.2mm)	20-35	15-375	20-35

SHIELDING GAS OPTIONS:

- 100% CO₂
- 98% Argon - 2% O₂
- 95% Argon - 5% O₂
- 75% Argon - 25% CO₂
- 80% Argon - 20% CO₂
- 90% Argon - 10% CO₂

