

NEPTUNE® - TIG

Blue Tip

Gas Tungsten Arc Welding

(GTAW)

For aluminum-sheets, extrusion, pipe and castings.

FEATURES

- High strength 34,000 psi
- Minimum crack sensitivity
- Most suitable for a wide range of aluminum alloys
- May be anodized
- Excellent color match
- Helps avoid porosity

CHARACTERISTICS

NEPTUNE-TIG is particularly excellent for truck bodies, molds, fixtures and aluminum castings. Ideal for unknown aluminum alloys. When pre-cleaning is difficult, **NEPTUNE-GCF** will provide excellent results.

See page 73.

APPLICATION

Use AC with High Frequency argon and/or helium gas. Bevel and preheat heavy sections. Use pure tungsten or zirconiated electrodes. Use stainless wire brush. For magnesium see **NEPTUNE-TIG M**.

Inches:	1/16	3/32	1/8	(AC with hi-freq)
(mm):	(1.6)	(2.4)	(3.2)	

NEPTUNE® - TIG M

Red Tip

Gas Tungsten Arc Welding

(GTAW)

For magnesium-cast, sheet, tubing. Use for joining and build-up.

FEATURES

- Strength 37,000 psi
- Excellent color match
- Bead forming and thin flow
- Fast and easy use

CHARACTERISTICS

NEPTUNE-TIG M has been specifically developed for the maintenance welder who must weld a variety of magnesium components such as dock plates, ladders, structural members and tool housings.

APPLICATION

Clean and preheat. Use AC with high frequency and argon or helium gas. Paint **NEPTUNE FLUX** on the backside of the weld to aid penetration. Weld procedure identical to aluminum.

Inches:	1/8	(AC with hi-freq)
(mm):	(3.2)	