Tig & Gas Rods | Safra 5356 Tig

Key Facts

- 5% Mn double shaved tig wire
- Consistent quality
- Precision layer wound, double diamond shaved wire
- Excellent feedability and arc control
- Very high quality welds
- Suitable for a range of aluminium materials

Description

Precision layer wound aluminium MIG wire providing smooth, consistent feeding. 5% Mg is considered to be the most commonly used aluminium wire due to its versatility and high strength.

Recommended Shielding Gas

100% Ar

Classification, Approvals & Conformances

AWS A5.10.ER5356

Welding Positions

All positions

Applications

Uses include storage tanks, boat building, bull bars, automotive and general aluminium fabrication. Suitable for welding a wide range of cast and wrought aluminium alloys.

- General aluminium fabrication and repairs
- Bull bars and rollbars
- Boat building
- Welding of many aluminium alloys

Typical Analysis/Composition

Mn - Manganese	Cu - Copper	Mg - Magnesium	Others
< 0.05 – 0.20	< 0.10	4.5 – 5.5	< 0.15
Cr - Chromium	**Ti - Titanium**	**Si - Silicon**	**Zn - Zinc**
0.05 – 0.20	0.06 – 0.20	<0.25	< 0.10
Fe - Iron			
< 0.40			

Typical Weld Mechanical Properties

0.2% Proof Stress:	> 110N/mm^2
Tensile Strength:	350 – 370N/mm^2
Elongation:	17%

Packaging & Ordering Information

Size	Weight	Part Number
1.6mm	5kg	300008
2.4mm	5kg	300009
3.2mm	5kg	300010

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.