

## Key Facts

- 5% Mn 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

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

## Packaging & Ordering Information

Size	Weight	Part Number
1.6mm	1kg	300008H
2.4mm	1kg	300009H
2.4mm	5kg	300009N
3.2mm	1kg	300010H
3.2mm	5kg	300010N