Key Facts

- Precision Layer wound, Double Diamond shaved wire
- Suitable for a range of Aluminium materials
- Handy 4" and 8" spools

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.

Classifications, Approvals & Conformances

AWS A5.10 ER5356
ER5356

Recommended Shielding Gas

100% Ar

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
- Bullbars and rollbars
- Boat building
- Welding of many aluminium alloys

Typical Wire Analysis

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

Typical Weld Mechanical Properties

Tensile Strength:	370 – 390N/mm^2

Packaging & Ordering Information

Size	Packet	Part Number
0.8mm	0.5 Kg	200192
0.9mm	0.5 Kg	200193
0.9mm	2 Kg	200200
1.0mm	0.5 Kg	200194
1.0mm	2 Kg	200201
1.2mm	0.5 Kg	200195
1.2mm	2 Kg	200202

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.