

Key Facts

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

Description

Recognised as the highest quality aluminium welding wire. Precision layer wound and double diamond shaved for superior feed ability. Clearly the professional's choice.

Classifications, Approvals & Conformances

AWS A5.10 ER5356

ABS - American Bureau of Shipping

DNV - Det Norske Veritas

Lloyd's Register of Shipping

Applications

Applications include construction of ships, storage tanks and in the automotive industry where corrosion resistance is essential.

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

Recommended Shielding Gas

100% Ar

Welding Positions

All positions

Typical Wire Analysis

Cu - Copper	Mn - Manganese	Si - Silicon	Others
< 0.05	1.0 – 02	< 0.25	< 0.15
Zn - Zinc	Ti - Titanium	Mg - Magnesium	Cr - Chromium
< 0.10	< 0.15	4.3 – 5.2	0.1 – 0.3
Fe - Iron	Al - Aluminium		
< 0.40	Balance		

Typical Weld Mechanical Properties

0.2% Proof Stress	> 110N/mm ²
Elongation	17%
Tensile Strength:	240N/mm ²

Packaging & Ordering Information

Size	Weight	Part Number
0.9mm	6kg	200209S
1.0mm	6kg	200210S
1.2mm	6kg	200213S
1.2mm	80kg Pail Pack	200213SP
1.6mm	6kg	200214S

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.