

Key Facts

- Precision layer wound, double diamond shaved wire
- Excellent feedability and arc control
- Very high quality welds
- Excellent crack resistance

Description

A high quality all-purpose aluminium alloy mig wire containing 5% silicon. Added silicon increases the fluidity of the weld pool creating a weld that is more resistant to cracking.

Classifications, Approvals & Conformances

AWS A5.10 ER4043

ABS - American Bureau of Shipping
 DB - DB Systemtechnik
 DNV - Det Norske Veritas
 Lloyd's Register of Shipping
 RINA
 TÜV

Applications

Suitable to weld a range of aluminium grades and alloys. Generally used in the repair of automotive parts such as cylinder heads, inlet manifolds and housings. Can also be used for defects and cast repairs as well as heat exchangers and food manufacturing equipment.

- Repair of Alloy castings
- Scaffold fabrication
- Food processing equipment

Recommended Shielding Gas

100% Argon

Welding Positions

All positions

Typical Wire Analysis

Cu - Copper	Mn - Manganese	Si - Silicon	Others
< 0.05	< 0.05	4.5 – 5.5	< 0.15
Zn - Zinc	Ti - Titanium	Mg - Magnesium	Be - Beryllium
< 0.01	< 0.15	< 0.05	< 0.0008
Fe - Iron	Al - Aluminium		
< 0.40	Balance		

Typical Weld Mechanical Properties

0.2% Proof Stress	> 40N/mm ²
Elongation	>8%
Tensile Strength:	190N/mm ²

Packaging & Ordering Information

Size	Packet	Part Number
1.2mm	6kg	200237S
1.6mm	6kg	200238S