

## 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

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

## Packaging & Ordering Information

Size	Packet	Part Number
1.2mm	6kg	200237S