SIFMIG 5556
Aluminium MIG Wire

An Aluminium alloy containing 5.3% Magnesium and a normal 0.8% Manganese. All elements are closely controlled for optimum weld strength. It produces a higher-strength weld metal than standard 5% Mg 5356 alloy.

Normally used on 5083 (N8) and for military applications when the full maintaining strength is required. 5083 is an alloy widely used in structural applications.

Ensure that the parent metal surface is cleaned and fully degreased prior to welding. Clean joints with a stainless steel brush.

Positions



For use in all positions, except vertical down.

Current	DC=+
Shielding Gas	Pure Argon Argon/Helium

Typical Weld Metal Composition

Mg 5.3%	Mn 0.8%	Cr 0.1%
Ti 0.1%	Al Bal	

Typical Mechanical Properties

Melting Point	640°C
Ultimate Tensile Strength	300N/mm^2
Hardness	70

Available Formats

Dia.	0.5kg	2kg	6.5kg
1.0mm			WO371065
1.2mm	WO371205	WO371220	WO371265
1.6mm			WO371665

Standards

EN ISO 18273 S Al 5556A
AWS A5.10 ER5556