

TALWELD 5356 MIG

Classifications

AWS A5.10 ER5356

AS/NZS ISO 18273 S Al 5356

Description

TALWELD 5356 is a solid Aluminium Alloy GMAW (MIG) wire containing 5% Magnesium, for welding wrought or cast aluminium alloys of similar composition. It is the most universally used Aluminium filler metal. It has good corrosion resistance and high strength.

Shielding Gas

Welding grade Argon or Argon/Helium mixture (for thicker sections).

Chemical composition of solid wire (wt%)

Si	Mn	Mg	Cr	Cu	Al
0.25 Max.	0.05 - 0.20	4.5 - 5.5	0.05 - 0.2	0.10 Max.	Balance

Typical Mechanical properties

Tensile strength MPa	Yield strength MPa	Elongation %
240	125	17

Packaging and machine Settings – GMAW

Diam. (mm)	0.8	0.9	1.0
Spool (200mm)	2kg	2kg	2kg
Volts	14-24	15-22	17-25
Current, A	60-160	70-170	100-210

Note: SAFRA 5356 GMAW wire is also available, in 6 kg spools

Diam.	2kg Spool	SAFRA 6kg Spool
0.8mm	AMC53560802	
0.9mm	AMC53560902	AMS53560906
1.0mm	AMC53561002	AMS53561006
1.2mm		AMS53561206
1.6mm		AMS53561606

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