

ALUROD AlMg3 is a 5754 type aluminum solid TIG welding rod depositing Al-3Mg weld metal. Suitable for use with Ar, or Ar+He mixed shielding gases.

ALUROD AlMg3 is used for the welding of Al-3%Mg alloys.

The weld metal has higher strength than joints deposited with Si-alloyed Al welding wires. Good corrosion resistance.

Classification

EN ISO	18273: S Al 5754 (AlMg3)
AWS	A5.10: ER 5754

Chemical analysis (Typical values in %)

Al	Si	Mn	Mg	Cr	Ti	Cu	Fe
Rem	0.2	0.1	3	0.1	0.1	0.1	0.3

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation A5 (%)
As Welded	≥ 80	≥ 190	≥ 20

Gas test: 100% Ar

Shielding Gas - EN ISO 14175 : I1

Materials

G-AlMg3Si; AlMg1; AlMg2,5; AlMg2Mn0,3; AlMg3; G-AlMg3

Storage

Keep dry and avoid condensation

Current condition and welding position

AC



Packaging data

Diam. (mm)	Packaging Type	Weight (kg)	Code
2.0	TUB	5	W000283573
2.4	TUB	5	W000283574
3.2	TUB	5	W000283575
4.0	TUB	5	W000283576