

FILALU AISi5 is a 4043 type aluminum solid MIG welding wire, supplied precision layer wound, depositing Al-5Si weld metal. Suitable for use with Ar, or Ar+He mixed shielding gases.

FILALU AISi5 is used for welding of aluminium and aluminium alloys with a silicon content up to 7% in both wrought and cast form. Suitable for Al-Mg-Si alloys series 6000 and for dissimilar welding such as 6000/1000 or 6000/3000.

Due to its Si-alloying the weld pool is readily controllable. The weld is not sensitive for cracking and the surface is bright.

Solid wire that deposits a 5% Si alloy. Excellent weldability and good mechanical characteristics. Particularly suitable for welding Anticorodal 163 and 11 alloys.

Classification

EN ISO	18273: S Al 4043 (AISi5)
AWS	A5.10: ER 4043

Approvals**DB****CE****Chemical analysis (Typical values in %)**

Al	Si	Ti	Cu	Fe
Rem	5	≤ 0.2	≤ 0.3	≤ 0.8

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation A5 (%)
As Welded	≥40	≥120	≥8

Gas test: 70% Ar+30% He

Shielding Gas - EN ISO 14175 : I1, I3**Materials**

AlSi- et Alliages AlSiMg avec 7% Si maxi.

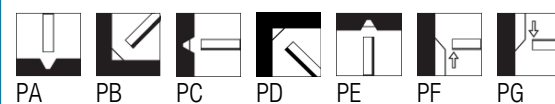
AlMgSi0.5, AlMgSi0.7, AlMgSi1

Storage

Keep dry and avoid condensation

Current condition and welding position

DC+

**Packaging data**

Packaging Type	BS300
Diam(mm) / weight(kg)	7
1.2	W000283184
1.6	W000283185