

ALUFIL AI99,7 is a 1070 type aluminum solid MIG welding wire, depositing a 99,7% aluminum weld metal. Suitable for use with Ar, or Ar+He mixed shielding gases.

ALUFIL AI99.7 is used for welding of commercially pure aluminium in both wrought and cast forms.

Solid wire that deposits 99.7% pure aluminum. Designed to weld pure aluminum and aluminum alloys. Excellent resistance to chemical corrosion.

Classification

EN ISO	18273: S Al 1070 (Al 99.7)
AWS	A5.10: ER 1070

Chemical analysis (Typical values in %)

Al	Si	Mn
99.7	0.2	0.03

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength (MPa)	Tensile Strength (MPa)	Elongation A5 (%)
As Welded	20-30	65-80	29-35

Gas test: 70% Ar+30% He

Shielding Gas - EN ISO 14175 : I1, I3

Materials

Al 99; Al 99.7; Al 99,8; AlMg 0,5

Storage

Keep dry and avoid condensation.

Current condition and welding position

DC+

