

ALUROD AI 99,5 TI

TIG Rods Aluminum alloys

Alurod AI 99,5 Ti is a TIG rod depositing 99,5% pure Al. Suitable for welding Al and pure Al alloys. Good mechanical properties and magnetic permeability. Excellent chemical corrosion resistance.

Classification	
AWS	A5.10: ER 1100
Wr.	3.0259

Approvals	Grades

Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Zn	Ti	Mg	Fe	Cu	Al
-	0.04	0.30	-	-	-	-	0.05	-	0.40	0.05	Rem

All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	≥ 20	≥ 65	≥ 35	-	-

Gas test: Acc. To EN 439: I1(Arcal1)

Shielding Gas: Acc. To EN 439: I1(Arcal1)

Materials

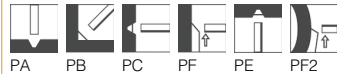
Al 99,5 ;Al 99; Al 99,9 Mg 0,5; AlMg 0,5

Storage

Keep dry and avoid condensation

Current condition and welding position

AC



Packaging data: Box 5 kg

Diameters (L: 1000 mm)	2,0	2,4	3,2	4,0		

Further forms of delivery on request.