

Aluminium electrode with 5% silicium, designed for repair and assembly of aluminium or aluminium alloys workpieces. It is very resistant to corrosion, low porosity as well as good mechanical properties.

Classification

ISO 18273 : Al 4043A
AWS A 5.3 : E4043
DIN 1732 : EI-ALSi5

Applications

- Foundry alloys,
- Engine blocks,
- Cylinder heads,
- Tanks,
- Containers,
- Marine and chemical industry.

Benefits

- Good mechanical properties.
- Excellent resistance to corrosion.

Positions and polarity



- Ignition from 60V - Direct current.
- **Electrode polarity (+).**

Chemical properties

Al %	Mn %	Si %	Fe %
base	<0.50	5.00	<0.50

Mechanical properties

Rm	Rp0,2	A 5 d	Dureté
110 ▶ 160 MPa	70 ▶ 100 MPa	>15%	~50 HB


Recommendations

Ø electrode (mm)	2.5	3.2
thickness (mm)	-	3 ▶ +
welding current (A)	60	90

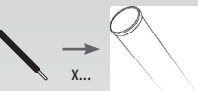
- Preheat the part to be welded if it is thick.

Packaging



Ref.	Ø (mm)	length (mm)	
073708	Ø 2.5	350	7
084803	Ø 3.2	350	5



Ref.	Ø (mm)	length (mm)	
081949	Ø 3.2	350	147