



4043 ALUMINUM COATED ELECTRODE

Certifications:
AWS A5.3
ASME SFA A5.3

Features

- Coated in aluminum.
- Cracking can be minimized by choosing a filler metal alloy that has a higher alloy content than the base metal.

Applications

- Used for maintenance welding of aluminums and aluminum alloys, such as 5454, 5154, 6052, 6063, and 700 series

Diameters & Packages

Diameter	14" Electrode, 5 lb
1/8"	✓
3/32"	✓
5/32"	✓

Technical Specifications

Typical Chemical Composition:

Chemical	Si	Fe	Cu	Mn	Be	Mg
	4.5-6.0	0.80 max	0.30 max	0.05 max	0.0008 max	0.05 max

Chemical	Zn	Ti	Al	Others Each	Others Total	
	0.10 max	0.20 max	Remainder	0.05	0.15	

Recommended Weld Parameters:

- Weld parameters depend on the diameter of the weld material and the position of welding including the base plate thickness