

Inweld A-3 Aluminum Electrode

Alloy E4043
AWS A5.3 E4043



Description and Applications:

5% Silicon aluminum arc welding electrode with exclusive self lifting slag.

Start by using the upper portion of the amperage range. Feed the electrode quickly and move fast maintaining a very close arc gap.

For arc welding aluminums alloyed with copper, silicon, and magnesium. Also excellent for joining dissimilar grades of aluminum.

Recommended Parameters	Diameter	Recommended Amperage
	5/64" (2.0mm)	20-60
	3/32" (2.4mm)	50-80
	1/8" (3.2mm)	70-120
	5/32" (4.0mm)	110-150

Typical Mechanical Properties:

Tensile Strength up to 34,000 psi
Yield Strength up to 20,000 psi
Elongation 18%

Welding Positions:

Flat, Horizontal