

Alumi Glide® 4043 Aluminum Welding Wire



Alumi Glide® 4043 is a 5% silicon aluminum filler metal that is one of the most widely used aluminum welding alloys for fabrication and general repair. Smooth-running, it is often preferred because of its wetting characteristics and its reduced crack sensitivity over other aluminum welding wires.

It is available in spools and cut lengths for both MIG and TIG welding and is recommended for base metals 3003, 3004, 5052, 6061, 6063, and casting alloys 43, 355, 356, and 214.

Manufacturing Advantages

- Excellent wire surface finish ensures trouble-free welding
- Superior cleanliness ensures sound weldments
- Smooth-running
- Reduced crack sensitivity
- Gas metal arc welding and gas tungsten arc welding
- Superior wetting action and fluidity
- Improved flowing characteristics for easier handling
- Welding of heat-treatable alloys, such as 6XXX base metals and cast alloys

Welding Positions

All-position MIG welding wire. Requires appropriate shielding gas usage, settings, and arc transfer modes.

Shielding Gas Blends

- 100% Argon
- Argon/Helium mixtures

Applications

- Common welding applications include bicycles, trucks, trailers, automotive parts and equipment.

Specifications

Meets or Exceeds:

- AWS A5.10 classification ER4043, R4043
- Canadian Bureau of Welding – CWB A5.10
- ISO 9001:2008
- Produced in Canada

Storage

Welding wire should be stored in a dry, enclosed environment and in its originally sealed package.



3602 North Perkins Road
Stillwater, OK 74075
Customer Service: 1-800-777-1618
www.NSARC.com



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Typical Weld Metal Composition (Weight %)

Al (Aluminum)	Mn (Manganese)	Fe (Iron)	Cu (Copper)	Be (Beryllium)	Si (Silicon)	Mg (Magnesium)	Cr (Chromium)	Ti (Titanium)	Zn (Zinc)	Other Elements
Remainder	0.05 Max	0.80 Max	0.30 Max	0.0003 Max	4.5-6.0	0.05 Max		0.20 Max	0.10 Max	0.05 Max & Total 0.15 Max



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