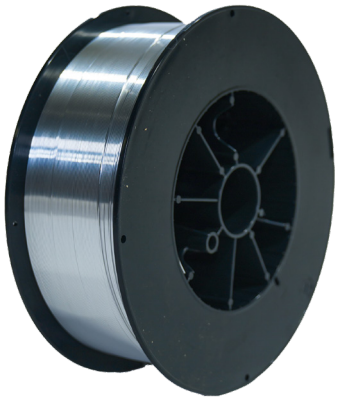
Alumi Glide® 5356 Aluminum Welding Wire



The Alumi Glide® 5356 is a 5% magnesium aluminum filler metal, available in spools and cut length for both MIG and TIG applications. It has increased levels of Mg, Ti, and Mn along with the addition of chrome and a slight reduction in silicon.

These changes work together to increase its corrosion resistance, making it the best aluminum for use in or near saltwater. It is commonly used on 5050, 5052, 5083, 5356, 5454, and 5456 and is the most widely used aluminum filler metal.

Manufacturing Advantages

- Superior wire surface finish ensures trouble free welding
- Exceptional cleanliness ensures sound weldments
- Unique diameter control for consistent feeding, robotic, or manual
- Gas metal arc welding and gas tungsten arc welding
- Lower hot cracking susceptibility
- Excellent feeding characteristics and arc stability
- Excellent and complete joint penetration and robust bonding

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

- Agricultural Equipment
- Auto Body
- Automotive Exhaust
- General Fabrication
- Heavy Equipment
- Pipe Welding
- Pressure Vessels
- Railcars
- Shipbuilding
- Structures
- Trailers

Specifications

Meets or Exceeds:

- AWS A5.10 classification ER5356, R5356
- Canadian Bureau of Welding – CWB A5.10
- ISO 9001:2015
- ABS
- Produced in Canada

Storage

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

NS ARC National Standard

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
5356	Remainder	0.05-0.20	0.40 (max.)	0.10 (max.)	0.0003 (max.)	0.25 (max.)	0.25 (max.)	0.05-0.20	0.06-0.20	0.10 (max.)	0.05 Max & Total 0.15 Max

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