

# SUPERGLAZE® HD 5356 TM™

Aluminum ▪ AWS ER5356

## KEY FEATURES

- Designed for heavy duty applications
- Reduced shavings and improved feedability
- High speed groove welds on formed truck panels
- Multi-pass fillet and lap welds on 6XXX series base materials
- Robotic fillet welds on trailer tanks requiring minimal post-weld clean up

## WELDING POSITIONS

All

## NOTE

- Typical Operating Procedures on pg. I-15 - I-16

## CONFORMANCES

<b>SFA/AWS A5.10/A5.10M:</b>	ER5356
<b>ASME SFA-A5.10:</b>	ER5356
<b>ISO 18273:</b>	S Al5356 (AlMg5CrCa1)

## TYPICAL APPLICATIONS

- Ideal for aggressive work environments and applications with long conduit lengths
- Trailer manufacturing

## SHIELDING GAS

100% Argon  
Argon / Helium Mixtures  
Flow Rate: 30 - 50 CFH for Argon

## DIAMETERS / PACKAGING

Diameter in (mm)	16 lb (7.3 kg) Steel Spool	20 lb (9.1 kg) Plastic Spool	60 lb (27.2 kg) Mini-Drum	300 lb (136 kg) Gem-Pak™ Box
0.035 (0.9)				ED036338
3/64 (1.2)	ED035698	ED035699	ED036596	ED036339
1/16 (1.6)	ED035700	ED035701		ED036340

## WIRE COMPOSITION<sup>(1)</sup> – As Required per AWS A5.10/A5.10M

	%Al	%Si	%Fe	%Cu	%Mn
<b>Requirements</b> - AWS ER5356	Remainder	0.25 max	0.40 max	0.10 max	0.05-0.20
	%Mg	%Cr	%Zn	%Ti	%Be
<b>Requirements</b> - AWS ER5356	4.5-5.5	0.05-0.20	0.10 max	0.06-0.20	0.0003 max

<sup>(1)</sup>Typical wire chemistry.

*Material Safety Data Sheets (MSDS) and Certificates of Conformance are available on our website at [www.lincolnelectric.com](http://www.lincolnelectric.com)*

#### TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application.

#### CUSTOMER ASSISTANCE POLICY

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