

Satin Glide® 308LHS Stainless-Steel Welding Wire



Satin Glide® 308LHS Stainless-Steel Welding Wire is a filler metal that is typically used for welding equipment and components made with 304-type stainless steel. It is manufactured with higher silicon content, which is designed to improve the wetting of the material, offering potentially higher travel speeds.

The proprietary lubricant that is embedded within the wire enhances its performance for a smooth and hassle-free welding operation.

Manufacturing Advantages

- All metal transfer modes of GMAW
- Robotic, mechanized, or semi-automatic welding
- Single and multi-pass weldments
- Dissimilar base metal welding
- Compatible with various austenitic stainless-steel base metals, including 301, 302, 304, and 308
- Higher silicon content for improved wetting of the weld puddle
- Suitable for welding thin gauge materials due to low carbon and silicon content

Welding Positions

All position welding is possible when using the correct shielding gas blends, welding process, and welding parameters.

Shielding Gas Blends

- Short Circuit Transfer: 90% Helium, 7-1/2% Argon, 2-1/2% CO₂
- Spray Transfer: 95-98% Argon, 2-5% CO₂
- Spray Transfer: 98-99% Argon, 1-2% O₂
- Flow rate: 35-50 CFH

Applications

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

Specifications

Meets or Exceeds:

- AWS A5.9/A5.9M: ER 308Si, ER308LSi
- ASME SFA-A5.9: ER308Si, ER308LSi
- ASME Section III Nuclear requirements

Storage

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

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Stainless Steel Filler Metals for Welding Dissimilar Metals

201,202, 301,302, 302B,303, 304,305,308	304L	309, 309S	310, 310S, 314	316	316L	317	317L	321, 347, 348	330	403,405, 410,414, 416,420	430,430F, 431,440A, 440B,440C	448	501, 502	505	CARBON STEEL	CR-MO STEEL
308	308	308	308	308	308	308	308	308	309	309	309	310	309	309	309	309

Typical Wire Chemistry Percentages (as required per AWS)

ASME SFA 5.9	AWS A5.9/ AWS A5.9M	Carbon	Cr	Ni	Mn	Si	OTHER
Yes	Yes	0.03 Max	20.00/22.00	9.50/11.00	1.60/2.00	0.70/1.00	



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