

Metals And Welding Specialities offers premium-grade **ER308LSi MIG & TIG Welding Wire**, designed for superior performance in joining austenitic stainless steels. This wire, identified by **UNS S30883** and meeting **ASTM A240 / ASME SFA-5.9** standards, provides outstanding corrosion resistance, exceptional weld bead appearance, and excellent mechanical properties. Its high silicon content enhances weld puddle fluidity and produces smooth, spatter-free welds, making it a top choice for precision welding in critical environments.

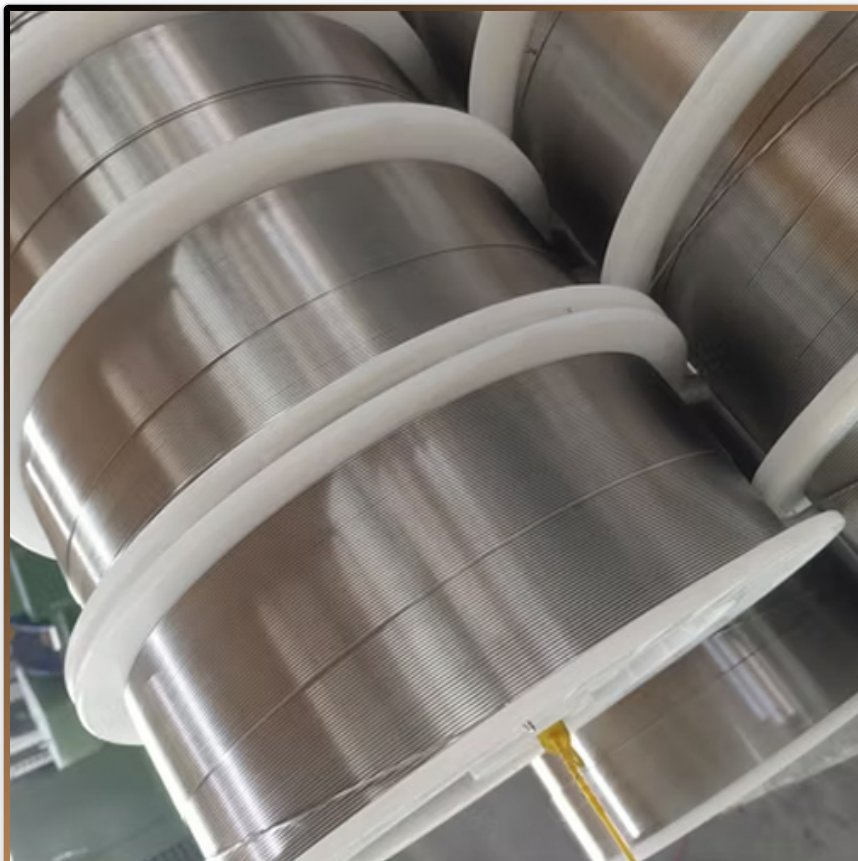


Table Of Content

- [What is ER308LSi MIG & TIG Welding Wire?](#)
- [Specification of ER308LSi MIG & TIG Welding Wire](#)
- [Equivalent Grade Of ER308LSi MIG & TIG Welding Wire](#)
- [Chemical Composition of ER308LSi MIG & TIG Welding Wire](#)
- [ER308LSi MIG & TIG Welding Wire Parameters](#)
- [People Searched for ER308LSi MIG & TIG Welding Wire](#)
- [Supply Cities of ER308LSi MIG & TIG Welding Wire](#)
- [Export Countries of ER308LSi MIG & TIG Welding Wire](#)

The **ER308LSi welding wire** from Metals And Welding Specialities is formulated for welding 18Cr-8Ni stainless steels such as 304, 304L, and 308 types. The added silicon not only improves wetting action but also reduces post-weld cleaning requirements—an advantage in high-production welding applications. When used with either **MIG (GMAW)** or **TIG (GTAW)** processes, this wire ensures consistent arc stability and optimal feedability. Its low carbon content minimizes the risk of intergranular carbide precipitation, preserving corrosion resistance even under prolonged heat exposure.



ER308LSi MIG & TIG Welding Wire, ER308LSi MIG & TIG Welding Wire Manufacturers, ER308LSi MIG & TIG Welding Wire Suppliers, ER308LSi MIG & TIG Welding Wire Stockists, ER308LSi MIG & TIG Welding Wire Exporters

Metals And Welding Specialities manufactures this alloy wire using high-purity raw materials and advanced metallurgical techniques to achieve consistent chemistry and superior surface finish. The result is a filler metal that ensures clean, reliable welds with minimal porosity. ER308LSi is particularly suited for industries where hygiene and durability are crucial, including food processing equipment, chemical tanks, dairy machinery, architectural components, and marine fabrications. The wire's compatibility with both argon-based shielding gases and argon-oxygen mixtures enhances versatility across different welding parameters.

For TIG welding, **ER308LSi rods** provide smooth, controlled arcs and excellent puddle control. For MIG applications, the wire's consistent feedability reduces downtime and improves operator productivity. Its ability to maintain toughness and ductility across temperature variations makes it suitable for both thin and medium-gauge stainless steel sections. Whether used for sheet metal fabrication or structural stainless applications, Metals And Welding Specialities' **ER308LSi** delivers dependable performance and aesthetic weld finishes.



ER308LSi MIG & TIG Welding Wire in India, ER308LSi MIG & TIG Welding Wire Manufacturers in India, ER308LSi MIG & TIG Welding Wire Suppliers in India, ER308LSi MIG & TIG Welding Wire Stockists in India, ER308LSi MIG & TIG Welding Wire Exporters in India

At Metals And Welding Specialities, quality assurance is integral to every manufacturing stage. Each batch of **ER308LSi welding wire** undergoes rigorous testing to ensure conformity with international standards such as **AWS A5.9**, **ASME SFA-5.9**, and **UNS S30883**. The product is available in multiple diameters and packaging options to meet diverse welding requirements in both manual and automated systems.

Backed by years of metallurgical expertise, Metals And Welding Specialities ensures that every spool of ER308LSi embodies precision, reliability, and consistent weld quality demanded by professional fabricators worldwide.

Specification ER308LSi MIG & TIG Welding Wire



Classification	AWS A5.9, ER308LSi
Form	MIG spools, TIG cut lengths, Reels and Coils
Type Of Welding	Inert Gas Welding
Current	MIG-DCEP / TIG-DCEN
Diameters	.023", .030", .035", .045", 1/16", 3/32", 1/8"
Standard TIG straight lengths are available	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

AWS ER308LSi MIG & TIG Filler Metal Application & uses

Hardware tools
Metallurgy
Machinery
Construction
Shipbuilding
Petroleum
Chemical plant
Power sector
Gas Industry

Equivalent Grade Of ER308LSi MIG & TIG Welding Wire



Class	UNS	Oxford Alloys	SANDVIK	BOHLER	UTP
ER308LSi	S30888	Alloy 308LSi	EXATON 19.9.LSI	BOHLER THERMANIT JE - 308L	UTP A68 LC

ER308LSi MIG & TIG Welding Wire Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.03	19.5-22.0	9.0-11.0	0.75	1.0-2.5	0.65-1.00	0.03	0.03	0.75

ER308LSi MIG & TIG Welding Wire Parameters



Diameter		Process	Volt	Amps/Shielding Gas
in	(mm)			
.023	(0.6)	GMAW	14-19	30-85/98% Argon/2% Oxygen
.030	(0.8)	GMAW	15-20	45-125/98% Argon/2% Oxygen
.035	(0.9)	GMAW	16-22	60-150/98% Argon/2% Oxygen
.045	(1.14)	GMAW	17-22	90-210/98% Argon/2% Oxygen
.035	(0.9)	GTAW	12-15	60-100/100% Argon
.045	(1.14)	GTAW	13-16	70-120/100% Argon
1/16"	(1.6)	GTAW	12	80-150/100% Argon
3/32"	(2.4)	GTAW	12	150-250/100% Argon
1/8"	(3.2)	GTAW	12	200-375/100% Argon

People Also Searched

ER308LSi chemical composition, ER308LSi wire specification, ER308LSi welding filler, UNS S30883 stainless steel wire, ASTM A240 ER308LSi, ER308LSi MIG wire price, ER308LSi TIG rod, stainless steel filler metal, ER308LSi vs ER308L, ER308LSi datasheet, ER308LSi mechanical properties, ER308LSi welding parameters, ER308LSi applications, ER308LSi welding rod supplier, stainless steel ER308LSi equivalent, AWS A5.9 ER308LSi specification, ER308LSi wire uses, ER308LSi corrosion resistance, ER308LSi welding technique, ER308LSi filler metal properties, ER308LSi composition chart, ER308LSi welding rod MSDS, ER308LSi wire for stainless steel, ER308LSi TIG filler rod data, ER308LSi vs ER316L, ER308LSi electrode specification, ER308LSi wire suppliers, ER308LSi filler classification, UNS S30883 chemical composition, ASTM A240 stainless steel grades, ER308LSi TIG wire, AWS ER308LSi welding electrode, ER308LSi filler rod applications, stainless steel filler wire Metals And Welding Specialities, ER308LSi GMAW wire, ER308LSi for 304 stainless steel.