

Metals And Welding Specialities proudly offers **ER308/308L MIG & TIG Welding Wire** welding wires, engineered to deliver unmatched performance in stainless steel fabrication and repair. These high-quality filler metals are specifically designed for welding austenitic stainless steels of similar composition, such as 18Cr-8Ni alloys. Classified under **UNS S30880** and conforming to **ASTM A240 Grade 308/308L**, this product meets universal industry standards for precision, reliability, and corrosion resistance.



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The **AWS ER308/308L** wire combines the strength and ductility of Type 308 with the added low-carbon properties of Type 308L, significantly reducing the risk of intergranular carbide precipitation during welding. This unique composition ensures superior weld metal quality, even under high-temperature or corrosive conditions. It's ideal for joining stainless steels such as AISI 301, 302, 304, 305, and 308. The low carbon content enhances resistance to sensitization, maintaining weld integrity over long service life.



ER308/308L MIG & TIG Welding Wire, ER308/308L MIG & TIG Welding Wire Manufacturers, ER308/308L MIG & TIG Welding Wire Suppliers, ER308/308L MIG & TIG Welding Wire Stockists, ER308/308L MIG & TIG Welding Wire Exporters

Metals And Welding Specialities manufactures **ER308/308L MIG & TIG wires** using premium-grade raw materials and advanced production technology to ensure smooth feedability, stable arc performance, and minimal spatter. The filler metal produces a bright, clean weld bead with excellent mechanical properties and resistance to oxidation and scaling up to 870°C (1600°F). Whether used in manual or automated processes, the wire performs flawlessly across various welding parameters. These wires are extensively used in the fabrication of chemical process equipment, food and beverage processing systems, heat exchangers, textile machinery, and architectural structures where both aesthetics and durability matter. With its exceptional corrosion resistance and high tensile strength, **Metals And Welding Specialities ER308/308L** wire delivers consistent, reliable results in demanding industrial applications. The smooth finish and precise wire diameter ensure excellent arc stability and uniform deposition, reducing downtime and increasing productivity.



ER308/308L MIG & TIG Welding Wire in India, ER308/308L MIG & TIG Welding Wire Manufacturers in India, ER308/308L MIG & TIG Welding Wire Suppliers in India, ER308/308L MIG & TIG Welding Wire Stockists in India, ER308/308L MIG & TIG Welding Wire Exporters in India

Each batch of **ER308/308L stainless steel welding wire** undergoes strict quality control testing in compliance with international standards. Metals And Welding Specialities ensures every product meets AWS A5.9 specifications for solid wires and rods for arc welding. The filler metal is available in both spooled and straightened forms, compatible with **MIG (GMAW)** and **TIG (GTAW)** processes, offering welders flexibility and consistent performance. The result is a dependable product trusted across industries for high-quality welds with outstanding metallurgical integrity. With years of expertise in metallurgical engineering, **Metals And Welding Specialities** continues to be a trusted name for stainless steel welding consumables. Our **ER308/308L MIG & TIG Welding Wire** wires are designed for precision, performance, and durability – the hallmarks of our commitment to excellence.

Specification ER308/308L MIG & TIG Welding Wire



Classification	AWS A5.9, ER308/308L
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 ER308/308L MIG & TIG Filler Metal Application & uses

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

Equivalent Grade Of ER308/308L MIG & TIG Welding Wire



Class	UNS	Oxford Alloys	SANDVIK
ER308/308L	S30883	Alloy 308/308L	EXATON 19.9.L / EXATON 19.9.LR E308L-17

ER308/308L MIG & TIG Welding Wire Chemical Composition



Element	C	Cr	Ni	Mo	Mn	Si	P	S	Cu
Composition (%)	0.03	19.5-22.0	9.0-11.0	0.75	1.0-2.5	0.30-0.65	0.03	0.03	0.75

ER308/308L 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

ER308L welding wire, ER308 MIG wire, ER308L TIG filler rod, stainless steel welding wire, AWS ER308/308L specifications, UNS S30880 filler wire, ASTM A240 Grade 308L, stainless steel MIG filler, TIG welding rods 308L, stainless filler metal 308, ER308L stainless rod, MIG welding stainless 308, GMAW filler wire 308L, GTAW rod ER308, stainless steel wire for food equipment, ER308 low carbon filler, AWS A5.9 ER308/308L, 308L welding consumable, stainless wire spools 308L, ER308L mechanical properties, 308L vs 309 welding wire, stainless TIG filler metals, heat resistant stainless wire, ER308L corrosion resistance, 308/308L chemical composition, stainless steel fabrication filler wire, Metals And Welding Specialities stainless wire, 308L welding applications, high-temperature stainless filler, 18Cr-8Ni filler metal, stainless welding consumables India, 308L arc stability, 308L TIG welding performance, ER308L solid wire, stainless filler for food-grade steel, ER308/308L price per kg, UNS S30880 properties, 308L stainless rod suppliers.