

Metals And Welding Specialities is a trusted manufacturer and supplier of **ER308/308H MIG & TIG Welding Wire** wires, designed for superior welding performance in stainless steel fabrication. These wires conform to **UNS S30800 / S30809** and **ASTM A240 Grade 308/308H** standards, ensuring excellent strength, corrosion resistance, and consistent weld integrity. As part of our commitment to precision and reliability, we produce these filler wires with tight chemical controls and optimized mechanical properties for high-temperature and high-pressure service conditions.

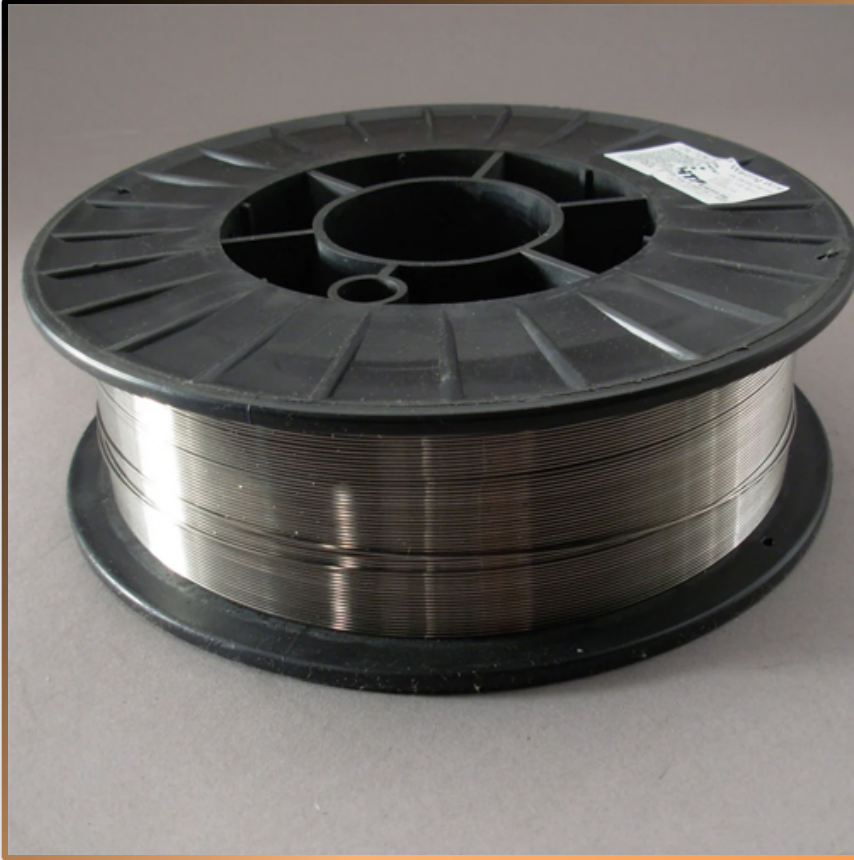


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The **ER308/308H** wire is primarily used for welding austenitic stainless steels such as 18Cr-8Ni types. It provides outstanding resistance to oxidation and scaling at elevated temperatures and maintains exceptional mechanical properties even after prolonged exposure. The “H” designation indicates a higher carbon content, enhancing high-temperature creep strength and ensuring stable microstructure retention during long-term service. This makes **ER308H** ideal for applications in petrochemical plants, heat exchangers, power generation units, and industrial furnaces where thermal stability is essential.



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

Metals And Welding Specialities manufactures **ER308/308H** in both MIG (GMAW) and TIG (GTAW) variants, suitable for precision welding operations that demand clean and smooth bead appearance. Our wire features excellent arc stability, minimal spatter, and uniform feedability, contributing to better productivity and lower post-weld cleanup. The deposited weld metal delivers superior ductility and toughness, reducing the risk of cracking even under challenging thermal cycles. With its balanced chromium and nickel composition, this alloy performs exceptionally well against pitting, intergranular corrosion, and chemical attack in both oxidizing and reducing environments.

Our **ER308/308H MIG & TIG Welding Wire** filler metal is engineered to meet diverse industrial requirements. It is compatible with stainless steels such as AISI 301, 302, 304, 305, and 308, among others. For TIG welding, pure argon shielding gas ensures clean and controlled weld pools, while for MIG applications, argon with 2–5% oxygen or CO₂ blends provides optimal arc characteristics. Whether used in pipeline welding, chemical processing equipment, or food-grade vessels, this wire ensures welds of outstanding metallurgical integrity and visual quality.



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

Every spool and cut length from **Metals And Welding Specialities** undergoes stringent quality checks to guarantee performance consistency. Our production facilities follow international manufacturing practices and adhere to strict standards, making our **ER308/308H** welding wires a preferred choice for industries demanding precision and durability. When you choose Metals And Welding Specialities, you're investing in reliability, technical excellence, and long-term operational value.

Specification ER308/308H MIG & TIG Welding Wire



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

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

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



Class	UNS	Oxford Alloys
ER308/308H	S30880	Alloy 308/308H

ER308/308H MIG & TIG Welding Wire Chemical Composition



Element	Composition (%)
c	0.05
si	0.46
Mn	1.65
Cr	20.45
Ni	9.85
Other	-

ER308/308H MIG & TIG Welding Wire Parameters



Recommended Welding Parameters						
GMAW "Mig Process"				Reversed Polarity		
	Wire Diameter	Wire Feed	Amps	Volts	Shielding Gas	Gas CFH
Short Arc Welding	.030	13-26	40-120	16-20	Argon+2% O2	25
	.035	13-26	60-140	16-22	Argon+2% O2	25
Spray Arc Welding	.035	20-39	140-220	24-29	Argon+2% O2	38
	.045	16-30	160-260	25-30	Argon+2% O2	38

	1/16	10-16	230-350	27-31	Argon+2% O2	38
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People Also Searched

ER308 welding wire, ER308H filler metal, AWS A5.9 ER308, UNS S30800, UNS S30809, stainless steel welding rod, TIG filler rod 308H, MIG stainless steel wire, ASTM A240 Grade 308, ER308 TIG wire, ER308H MIG wire, stainless steel electrode 308, 308H welding rod, 308 stainless filler wire, ER308/308H composition, 308H mechanical properties, stainless MIG wire suppliers, GTAW stainless filler, ER308 wire price, stainless TIG welding wire, 308H chemical composition, AWS ER308 specifications, 308H TIG welding applications, Metals And Welding Specialities welding wire, 308 stainless steel electrode, stainless steel welding filler, ER308 corrosion resistance, stainless steel weld rod for 304, 308H high temperature wire, ER308H for heat exchangers, welding wire for food industry, stainless steel MIG wire manufacturer, stainless filler rod India, 308H for power plants, AWS A5.9 Class ER308H, stainless welding consumables, best stainless TIG wire, industrial welding wire 308H.