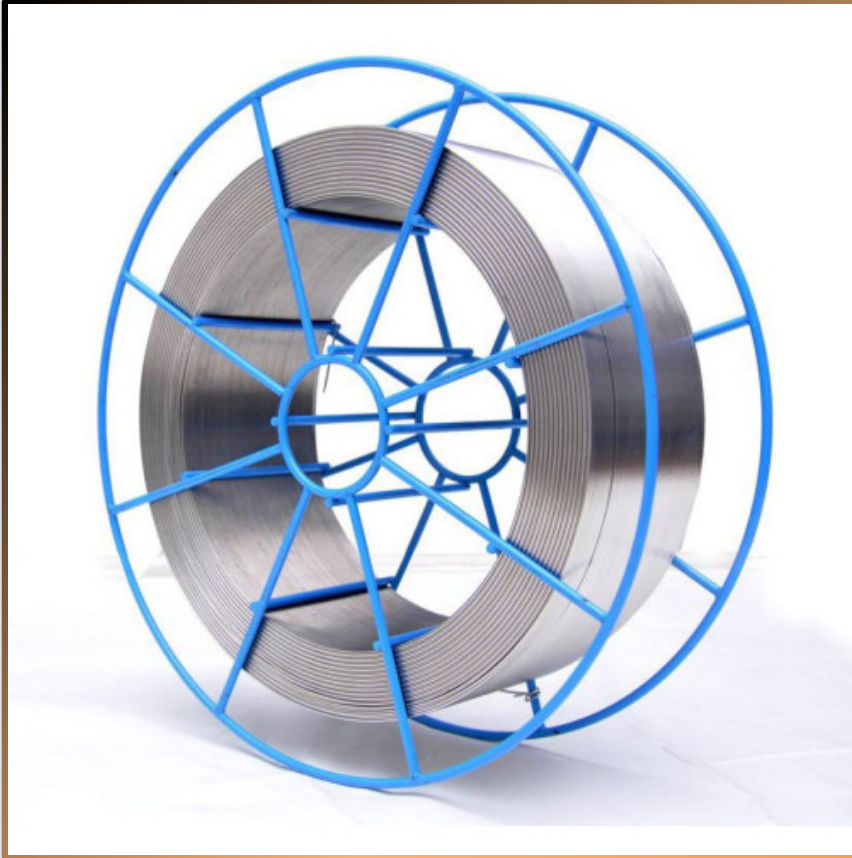


At **Metals And Welding Specialities**, we supply premium-grade **ER410 MIG & TIG Welding Wire** welding wire engineered for high performance in demanding industrial applications. Classified under **UNS S41000** and compliant with **ASTM A580** standards, this wire is a martensitic stainless steel filler metal designed for welding **type 410 and similar steels**. It offers excellent strength, wear resistance, and oxidation resistance, making it ideal for fabrication, repair, and maintenance of components that operate in high-temperature or corrosive environments.



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The **ER410 stainless steel welding wire** is composed primarily of 12% chromium, providing strong resistance against scaling and oxidation up to 1200°F (650°C). Its balanced chemical composition ensures outstanding arc stability, smooth metal transfer, and clean weld appearance when used with both **MIG (GMAW)** and **TIG (GTAW)** welding processes. This versatility makes it a reliable choice for industries such as petrochemical, power generation, food processing, and general engineering where high mechanical strength and corrosion resistance are required.



ER410 MIG & TIG Welding Wire, ER410 MIG & TIG Welding Wire Manufacturers, ER410 MIG & TIG Welding Wire Suppliers, ER410 MIG & TIG Welding Wire Stockists, ER410 MIG & TIG Welding Wire Exporters

One of the defining characteristics of **ER410** is its ability to maintain hardness and strength after air cooling from elevated temperatures. It is best used where post-weld heat treatment can be applied, as it helps restore ductility and minimize cracking. For optimal results, preheating and post-weld tempering are recommended, especially when welding thick sections or hardenable steels. The weld deposits exhibit good resistance to mild corrosive environments, steam, and hot gases, making this wire ideal for manufacturing and repairing turbine blades, valves, pump shafts, and surgical instruments.

At **Metals And Welding Specialities**, quality and consistency are our top priorities. Each spool of **ER410 MIG & TIG Welding Wire** wire undergoes strict inspection and testing to ensure compliance with international standards. Our wire is precision-layer wound, ensuring smooth feedability and reduced downtime during production. Whether you are performing automatic, semi-automatic, or manual welding operations, our **ER410 stainless steel filler wire** guarantees superior performance and long-lasting durability.



ER410 MIG & TIG Welding Wire in India, ER410 MIG & TIG Welding Wire Manufacturers in India, ER410 MIG & TIG Welding Wire Suppliers in India, ER410 MIG & TIG Welding Wire Stockists in India, ER410 MIG & TIG Welding Wire Exporters in India

Customers value this product for its excellent mechanical properties, easy usability, and reliability in both critical and general-purpose welding applications. By choosing **Metals And Welding Specialities** as your trusted supplier, you are assured of consistent weld quality, expert technical support, and materials that meet the highest metallurgical standards.

### Specification ER410 MIG & TIG Welding Wire



<b>Classification</b>	<b>AWS A5.9, ER410</b>
<b>Form</b>	MIG spools, TIG cut lengths, Reels and Coils
<b>Type Of Welding</b>	Inert Gas Welding
<b>Current</b>	MIG-DCEP / TIG-DCEN
<b>Diameters</b>	.023", .030", .035", .045", 1/16", 3/32", 1/8"
<b>Standard TIG straight lengths are available</b>	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

## AWS ER410 MIG & TIG Filler Metal Application & uses

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

## Equivalent Grade Of ER410 MIG & TIG Welding Wire



Class	UNS	Oxford Alloys
ER410	S30888	Alloy 410

## ER410 MIG & TIG Welding Wire Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.12	11.5-13.5	0.6	0.75	0.6	0.5	0.03	0.03	0.75

## ER410 MIG & TIG Welding Wire Parameters



Diameter	Process	Volt	Amps	GAS	(mm)
in					
.035	(0.9)	GMAW	26-29	160-210	98% Argon/2% Oxygen or 97% Argon/3% Oxygen
.045	(1.14)	GMAW	28-32	180-250	98% Argon/2% Oxygen or 97% Argon/3% Oxygen
1/16"	(1.6)	GMAW	29-33	200-280	98% Argon/2% Oxygen or 97% Argon/3% Oxygen

## People Also Searched

ER410 welding wire, AWS ER410 stainless wire, UNS S41000 filler, ASTM A580 ER410, ER410 TIG rod, 410 MIG wire, 410 stainless filler metal, stainless steel welding rod, martensitic stainless wire, ER410 welding applications, ER410 chemical composition, ER410 welding parameters, ER410 wire suppliers, stainless 410 electrode, ER410 wire price, stainless steel hardfacing wire, 410 stainless TIG filler, 410 MIG welding stainless, UNS S41000 stainless steel wire, AWS A5.9 ER410, ER410 for turbine blades, ER410 valve repair wire, ER410 pump shaft welding, ER410 filler for 410 steel, 410 martensitic stainless wire, 12% chromium filler metal,

ER410 corrosion resistance, ER410 post-weld heat treatment, 410 welding best practices, ER410 mechanical properties, ASTM A580 stainless filler wire, ER410 vs ER309, stainless steel wire for repair, stainless welding consumables, martensitic stainless rod, stainless wire manufacturer, ER410 arc stability, ER410 oxidation resistance, ER410 wire feedability.