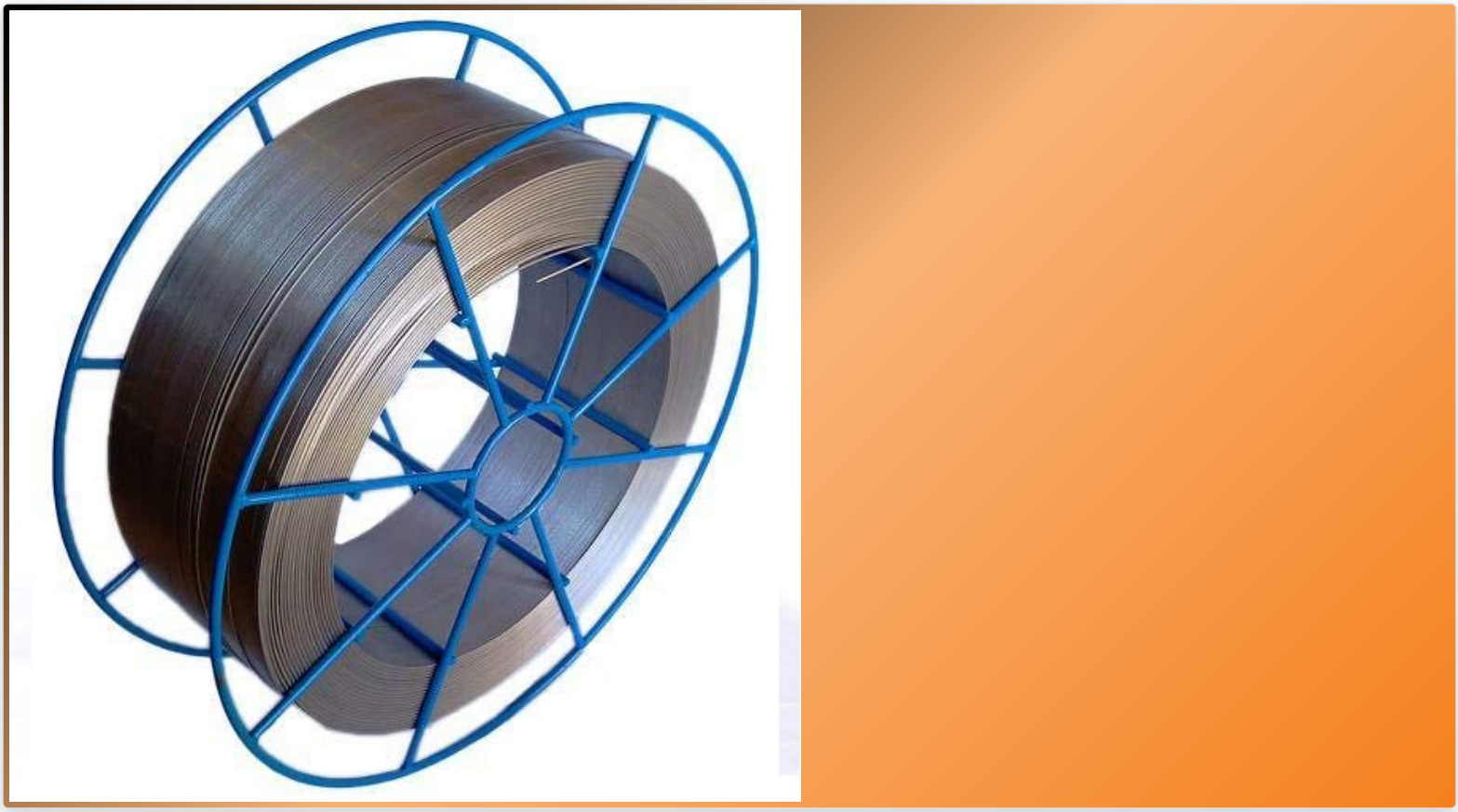
At Metals And Welding Specialities, we provide high-performance welding consumables engineered for durability, corrosion resistance, and precision. Our **ER410NiMo MIG & TIG Welding Wire** wire is a top-tier stainless steel filler metal designed for applications that demand superior strength and resistance to corrosive and erosive environments. Classified under UNS S41053 and conforming to ASTM A580 Grade 410NiMo, this alloy delivers exceptional weldability and post-weld performance across a range of industrial uses.



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The **ER410NiMo** filler wire is a martensitic stainless steel alloy that combines chromium, nickel, and molybdenum to produce welds with remarkable toughness and hardness after proper heat treatment. Its low carbon content minimizes the risk of cracking, while the added molybdenum enhances pitting resistance and mechanical stability. Ideal for **MIG** (GMAW) and **TIG** (GTAW) welding processes, this wire ensures consistent arc stability, minimal spatter, and smooth bead appearance — even under demanding conditions.

ER410NiMo MIG & TIG Welding Wire, ER410NiMo MIG & TIG Welding Wire Manufacturers, ER410NiMo MIG & TIG Welding Wire Suppliers, ER410NiMo MIG & TIG Welding Wire Stockists, ER410NiMo MIG & TIG Welding Wire Exporters

Commonly used in the fabrication and repair of hydraulic turbine components, pump shafts, valve bodies, and petrochemical equipment, **ER410NiMo** performs exceptionally well in environments exposed to water, steam, and mild chemicals. Its balanced composition provides a strong defense against oxidation and scaling, extending the service life of welded structures. Post-weld heat treatment further refines the microstructure, increasing the hardness and tensile strength of the weld metal to meet strict engineering standards.

Engineers and welders rely on Metals And Welding Specialities for filler metals that meet international standards and deliver consistent results. Each spool or cut length of **ER410NiMo MIG & TIG Welding Wire** wire is manufactured with precision and undergoes strict quality control to ensure reliable performance in both manual and automated welding systems. This product adheres to the Universal Standard: AWS A5.9/A5.9M for bare stainless steel welding electrodes and rods, ensuring compatibility with global industry requirements.

ER410NiMo MIG & TIG Welding Wire in India, ER410NiMo MIG & TIG Welding Wire Manufacturers in India, ER410NiMo MIG & TIG Welding Wire Suppliers in India, ER410NiMo MIG & TIG Welding Wire Stockists in India, ER410NiMo MIG & TIG Welding Wire Exporters in India

With its outstanding metallurgical properties, ER410NiMo provides high hardness and corrosion resistance in welded joints exposed to wear, erosion, and impact. Whether used for overlays, hardfacing, or structural repairs, this filler wire maintains excellent fusion characteristics and resists distortion during welding. Its versatility and consistent quality make it a preferred choice across the power generation, marine, aerospace, and oil & gas sectors.

At Metals And Welding Specialities, our goal is to provide welding consumables that perform under pressure, meet global specifications, and exceed expectations in every application. The **ER410NiMo MIG & TIG** filler metal embodies that commitment — precision-engineered for strength, reliability, and long-term performance in demanding environments.

Specification ER410NiMo MIG & TIG Welding Wire

Classification	**AWS A5.9, ER410NiMo**
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 ER410NiMo MIG & TIG Filler Metal Application & uses	Hardware tools Metallurgy Machinery Construction Shipbuilding Petroleum Chemical plant Power sector Gas Industry

Equivalent Grade Of ER410NiMo MIG & TIG Welding Wire

Class	UNS	Oxford Alloys		BOHLER	UTP
ER410NiMo	S41086	Alloy 410NiMo		BOHLER BOHLER CN 13/4	UTP A6635

ER410NiMo MIG & TIG Welding Wire Chemical Composition

C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.06	11.0-12.5	4.0-5.0	0.4-0.7	0.6	0.5	0.03	0.03	0.75

ER410NiMo MIG & TIG Welding Wire Parameters

Diameter		Process	Volt	Amps	GAS
in	(mm)				
.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

ER410NiMo filler wire, ER410NiMo welding rod, AWS ER410NiMo MIG wire, ER410NiMo TIG rod, UNS S41053 filler metal, ASTM A580 Grade 410NiMo, 410NiMo stainless steel wire, martensitic stainless filler, ER410NiMo chemical composition, ER410NiMo welding applications, stainless steel hardfacing wire, turbine repair welding wire, corrosion-resistant filler metal, pump shaft welding rod, valve body weld repair, stainless steel MIG TIG wire, 410NiMo welding procedures, ER410NiMo post-weld heat treatment, stainless wire for hydro turbines, oil and gas welding consumables, 410NiMo wire manufacturer, ER410NiMo UNS S41053 equivalent, AWS A5.9 ER410NiMo, martensitic stainless steel rod, 410NiMo weld overlay, power plant repair welding, stainless wire corrosion resistance, high-strength filler rod, 410NiMo stainless electrode, welding wire for marine parts, stainless

steel overlay wire, ER410NiMo for petrochemical, 410NiMo TIG filler, precision welding stainless wire, ER410NiMo manufacturer, Metals And Welding Specialities filler metals, stainless MIG TIG consumables.