

Metals And Welding Specialities is a trusted supplier and manufacturer of high-quality welding consumables, including **ERNiFeCr-2 MIG & TIG Welding Wire** wires. These filler materials are engineered for precision welding applications that demand superior corrosion resistance and mechanical strength in extreme service conditions. Classified under **UNS N06007** and recognized by **ASTM Grade ERNiFeCr-2**, this alloy is designed for joining and overlaying nickel-iron-chromium-based materials used in chemical processing, power generation, and aerospace industries.

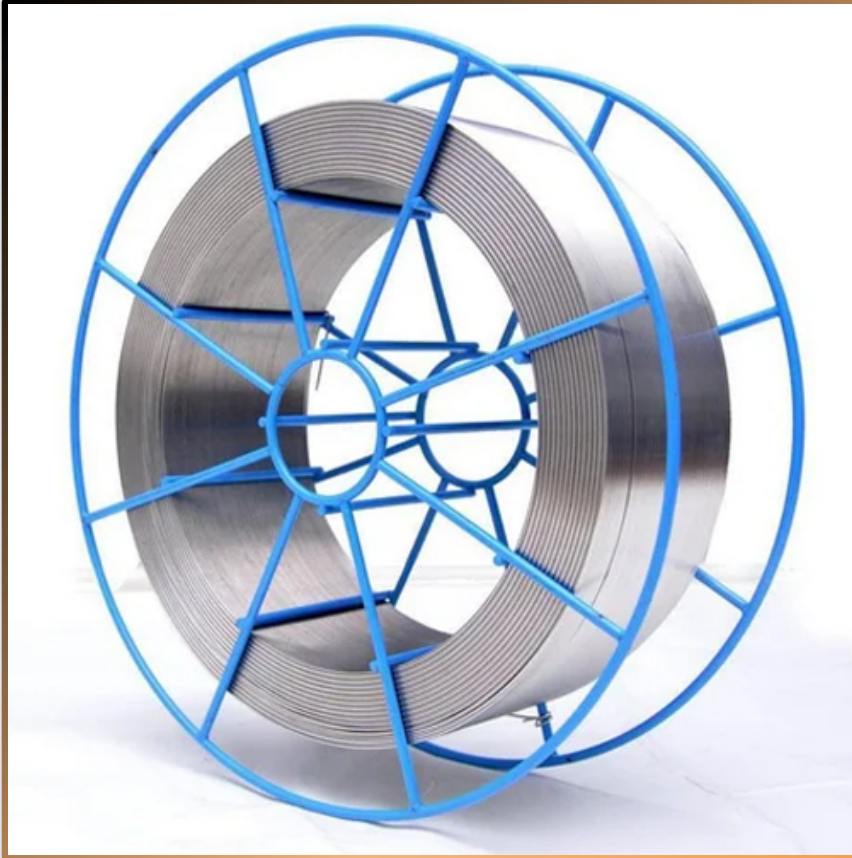


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The **ERNiFeCr-2** filler wire delivers exceptional performance in high-temperature and corrosive environments. Its balanced composition of nickel, iron, and chromium offers excellent oxidation resistance and thermal stability, making it suitable for service temperatures up to 1200°F (650°C). The weld deposits produced using this filler are tough, crack-resistant, and display excellent metallurgical integrity even after prolonged exposure to heat and stress. Whether applied through the **MIG (GMAW)** or **TIG (GTAW)** process, this wire ensures smooth arc transfer, low spatter, and a clean, uniform bead profile.



ERNiFeCr-2 MIG & TIG Welding Wire, ERNiFeCr-2 MIG & TIG Welding Wire Manufacturers, ERNiFeCr-2 MIG & TIG Welding Wire Suppliers, ERNiFeCr-2 MIG & TIG Welding Wire Stockists, ERNiFeCr-2 MIG & TIG Welding Wire Exporters

Metals And Welding Specialities ensures that every spool of ERNiFeCr-2 meets stringent quality standards for dimensional accuracy, chemical consistency, and mechanical performance. It is compatible with base metals such as Inconel 690, Inconel 601, and similar nickel-chromium-iron alloys. This filler wire is also widely used for overlay and cladding operations on carbon and low-alloy steels, providing an effective corrosion-resistant surface for components exposed to acids, alkalis, and high-temperature oxidation.

Industries that rely on **ERNiFeCr-2 MIG & TIG Welding Wire** filler metals include nuclear power plants, petrochemical refineries, and heat exchanger manufacturing units. Its ability to maintain structural integrity under cyclic heating and cooling makes it ideal for welding furnace components, reactor vessels, and piping systems. The weld metal exhibits outstanding resistance to carburization and sulfidation, ensuring long service life and minimal maintenance costs in demanding operational environments.



ERNiFeCr-2 MIG & TIG Welding Wire in India, ERNiFeCr-2 MIG & TIG Welding Wire Manufacturers in India, ERNiFeCr-2 MIG & TIG Welding Wire Suppliers in India, ERNiFeCr-2 MIG & TIG Welding Wire Stockists in India, ERNiFeCr-2 MIG & TIG Welding Wire Exporters in India

At **Metals And Welding Specialities**, we understand that consistency and reliability are key in welding operations. That's why our **ERNiFeCr-2** welding wires are packaged with moisture-resistant materials and undergo rigorous inspection before dispatch. With our commitment to quality and technical expertise, we provide the perfect solution for industries seeking durability, efficiency, and precision in every weld.

With decades of experience in welding technology and alloy metallurgy, Metals And Welding Specialities continues to serve industries worldwide with dependable, high-performance filler materials. Our **ERNiFeCr-2 MIG & TIG Welding Wire** wire exemplifies our commitment to precision, durability, and excellence in every weld.

Specification ERNiFeCr-2 MIG & TIG Welding Wire



Classification	AWS A5.14, ERNiFeCr-2
Form	MIG spools, TIG cut lengths, Reels and Coils
Type Of Welding	Inert Gas Welding
Standard TIG straight lengths are available	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

AWS ERNiFeCr-2 MIG & TIG Metal Application & uses

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

Equivalent Grade Of ERNiFeCr-2 MIG & TIG Welding Wire



Class	UNS	Oxford Alloys	Special Metals
ERNiFeCr-2	N07718	Alloy 718	INCOWELD 718

ERNiFeCr-2 MIG & TIG Welding Wire Chemical Composition



C	Mn	Si	Cr	S	P	Ni	Fe	Cu	Al	Mo	Ti	Nb+Ta
≤0.08	≤0.35	≤0.35	17-21	≤0.015	≤0.015	50-55	Rest	≤0.3	0.2-0.8	2.8-3.3	0.65-1.15	4.75-5.5

ERNiFeCr-2 MIG & TIG Welding Wire Parameters



Diameter		Process	Volt	Amps	Shielding Gas
In	mm				
0.035	0.9	GMAW	26-29	150-190	Spray Transfer 100% Argon
0.045	1.2	GMAW	28-32	180-220	
1/16	1.6	GMAW	29-33	200-250	
1/16	1.6	GTAW	14-18	90-130	100% Argon
3/32	2.4	GTAW	15-20	120-175	100% Argon
1/8	3.2	GTAW	15-20	150-220	100% Argon

People Also Searched

ERNiFeCr-2 filler wire, AWS ERNiFeCr-2, UNS N06007 welding wire, ERNiFeCr-2 TIG rod, MIG filler ERNiFeCr-2, nickel alloy welding wire, ASTM ERNiFeCr-2, Inconel 690 welding wire, nickel-chromium-iron filler metal, corrosion-resistant weld wire, Metals And Welding Specialities ERNiFeCr-2, high-temperature welding wire, ERNiFeCr-2 specification, UNS N06007 composition, ERNiFeCr-2

welding rod, NiFeCr alloy wire, Inconel welding consumables, ERNiFeCr-2 datasheet,ERNiFeCr-2 properties, nickel TIG filler wire, alloy ERNiFeCr-2 chemical composition, UNS N06007 equivalent, ERNiFeCr-2 mechanical properties, ERNiFeCr-2 electrode, ERNiFeCr-2 MIG wire, Metals And Welding Specialities welding products, NiCrFe filler metal, ERNiFeCr-2 density, ERNiFeCr-2 welding applications, ASTM ERNiFeCr-2 standard, UNS N06007 welding rod, ERNiFeCr-2 heat resistance, ERNiFeCr-2 corrosion resistance, NiFeCr-2 filler metal, Metals And Welding Specialities nickel alloy wire, ERNiFeCr-2 for Inconel alloys.