

Metals And Welding Specialities offers premium-quality **ERNiCu-7 MIG & TIG Welding Wire** filler wire designed for superior performance in demanding industrial applications. This nickel-copper alloy welding wire is classified under **UNS N04060** and conforms to **ASTM A494 Grade M35-1** standards, making it an excellent choice for joining similar and dissimilar metals in marine, chemical processing, and desalination environments. Engineered for exceptional corrosion resistance and weld integrity, this alloy ensures long-lasting, reliable joints even in the harshest conditions.



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The **ERNiCu-7** filler wire is primarily used for welding materials such as Monel® 400 and Monel® R-405, offering outstanding strength and resistance to seawater, acids, and alkalis. Its balanced composition of nickel and copper provides excellent toughness and ductility, while its ability to resist stress corrosion cracking makes it ideal for offshore and marine fabrication projects. **Metals And Welding Specialities** supplies this wire in both MIG and TIG forms, ensuring flexibility for a range of welding processes and applications.



ERNiCu-7 MIG & TIG Welding Wire, ERNiCu-7 MIG & TIG Welding Wire Manufacturers, ERNiCu-7 MIG & TIG Welding Wire Suppliers, ERNiCu-7 MIG & TIG Welding Wire Stockists, ERNiCu-7 MIG & TIG Welding Wire Exporters

When used in the **TIG welding process**, AWS Class ERNiCu-7 delivers precise control and clean welds with minimal spatter. It produces a smooth, uniform bead that requires little post-weld finishing. In **MIG welding**, this wire exhibits stable arc characteristics, excellent feeding, and consistent deposition rates, contributing to improved productivity and weld quality. The filler wire maintains excellent mechanical properties even after prolonged exposure to high-temperature and corrosive environments. **Metals And Welding Specialities** ensures every batch of AWS Class ERNiCu-7 wire undergoes rigorous quality testing to meet international specifications and performance standards. Its compatibility with both cast and wrought base metals makes it a versatile choice across multiple industries, including shipbuilding, desalination plants, heat exchangers, and chemical process equipment manufacturing. This filler wire is also well-suited for overlaying and cladding operations, providing durable protection against wear and corrosion.



ERNiCu-7 MIG & TIG Welding Wire in India, ERNiCu-7 MIG & TIG Welding Wire Manufacturers in India, ERNiCu-7 MIG & TIG Welding Wire Suppliers in India, ERNiCu-7 MIG & TIG Welding Wire Stockists in India, ERNiCu-7 MIG & TIG Welding Wire Exporters in India

With its high resistance to oxidizing and reducing agents, **UNS N04060** maintains structural stability even under fluctuating temperatures and aggressive service conditions. The product's uniform chemical composition and excellent metallurgical properties make it a trusted solution for fabricators who demand precision and durability. **Metals And Welding Specialities** stands behind every spool and rod of this filler wire, ensuring consistent quality and dependable performance for every project. Choose Metals And Welding Specialities for consistent quality, technical precision, and expert support with **ERNiCu-7 MIG & TIG Welding Wire** filler metals – your trusted solution for advanced corrosion-resistant welding.

Specification AWS Class ERNiCu-7 Welding Wire



Classification	AWS A5.14, ERNiCu-7
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 ERNiCu-7 MIG & TIG Filler Metal Application & uses

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

Equivalent Grade Of AWS ERNiCu-7 Welding Wire



Class	UNS	Oxford Alloys	Special Metals	UTP	ESAB
ERNiCu-7	N10276	Alloy 60	MONEL FILLER METAL 60	UTP A 80 M	OK AUTROD NICU-7

AWS Class ERNiCu-7 Welding Wire Chemical Composition



C	Mn	Fe	P	S	Si	Cu	Ni	Al	Ti	Other
0.15	4.0	2.5	0.02	0.015	1.25	Rem	62.0-69.0	1.25	1.5-3.00	0.50

AWS Class ERNiCu-7 Welding Wire Parameters



Diameter		Process	Volt	Amps (flat)	Amps (V/OH)
in	(mm)				
.035	(0.9)	GMAW	26-29	150-190	Spray Transfer 100% Argon
.045	(1.2)	GMAW	28-32	180-220	Spray Transfer 100% Argon
1/16	(1.6)	GMAW	29-33	200-250	Spray Transfer 100% Argon
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

ERNiCu-7 filler wire, AWS ERNiCu-7, UNS N04060, ASTM A494 M35-1, nickel copper welding wire, Monel 400 filler metal, Monel R-405 welding rod, Ni-Cu alloy TIG wire, ERNiCu-7 chemical composition, ERNiCu-7 mechanical properties, ERNiCu-7 welding applications, ERNiCu-7 price, ERNiCu-7 suppliers, Metals And Welding Specialities welding wire, marine welding alloy, corrosion

resistant welding rod, MIG wire for Monel alloys, TIG wire for Monel alloys, NiCu welding consumables, ERNiCu-7 density, ERNiCu-7 tensile strength, ERNiCu-7 hardness, ERNiCu-7 standards, AWS Class ERNiCu-7 equivalent, ERNiCu-7 datasheet, nickel alloy welding materials, copper nickel filler wire, ERNiCu-7 MSDS, Monel welding consumables, nickel copper electrodes, ERNiCu-7 UNS N04060 properties, ASTM A494 M35-1 equivalent, ERNiCu-7 applications, AWS ERNiCu-7 welding parameters, nickel-based TIG filler wire, corrosion-resistant MIG wire, Metals And Welding Specialities ERNiCu-7 welding alloy.