

Metals And Welding Specialities is a trusted name in the supply of high-quality welding consumables, and our AWS Class **ENiCu-7** coated electrodes stand as a reliable solution for demanding applications. Designed with precision and manufactured to meet stringent quality requirements, this alloy electrode is widely used for joining and overlaying nickel-copper alloys, especially in environments where corrosion resistance and durability are critical. Classified under UNS N04060 and produced according to ASTM B127 specifications, the **ENiCu-7** electrode ensures dependable performance across industries such as marine engineering, chemical processing, and desalination plants.



Table Of Content

- [What is AWS Class ENiCu-7 Coated?](#)
- [Specification of AWS Class ENiCu-7 Coated](#)
- [Equivalent Grade Of AWS Class ENiCu-7 Coated](#)
- [Chemical Composition of AWS Class ENiCu-7 Coated](#)
- [AWS Class ENiCu-7 Coated Parameters](#)
- [People Searched for AWS Class ENiCu-7 Coated](#)
- [Supply Cities of AWS Class ENiCu-7 Coated](#)

The AWS Class **ENiCu-7** electrode is specifically developed for welding alloys like Monel 400 and similar nickel-copper compositions. Its nickel-copper core provides exceptional resistance to seawater, salt brine, and reducing acids, making it an ideal choice for offshore structures, shipbuilding, heat exchangers, and pressure vessels. Metals And Welding Specialities ensures that every **ENiCu-7** coated electrode offers excellent mechanical strength, stable arc characteristics, and smooth weld bead appearance, reducing the risk of porosity and cracking during fabrication.



AWS Class ENiCu-7 Coated, AWS Class ENiCu-7 Coated Manufacturers, AWS Class ENiCu-7 Coated Suppliers, AWS Class ENiCu-7 Coated Stockists, AWS Class ENiCu-7 Coated Exporters

What sets the AWS Class **ENiCu-7** apart is its ability to maintain structural integrity even in aggressive environments. It resists stress-corrosion cracking and is suitable for welding dissimilar joints between copper-nickel alloys and steels. This makes it a versatile electrode that meets the rigorous demands of industries where reliability cannot be compromised. Metals And Welding Specialities delivers these electrodes with strict adherence to universal welding standards, ensuring compatibility and long-term performance for our customers.

The ASTM B127 and UNS N04060 grade ensures global acceptance, making **ENiCu-7** electrodes from Metals And Welding Specialities the go-to choice for engineers and fabricators who prioritize quality and compliance. Whether used in marine pipelines, condensers, or storage tanks, these electrodes provide outstanding results with minimum spatter and easy slag removal, streamlining the welding process.



AWS Class ENiCu-7 Coated in India, AWS Class ENiCu-7 Coated Manufacturers in India, AWS Class ENiCu-7 Coated Suppliers in India, AWS Class ENiCu-7 Coated Stockists in India, AWS Class ENiCu-7 Coated Exporters in India

At Metals And Welding Specialities, we combine technical expertise with customer-focused service, ensuring that every batch of AWS Class **ENiCu-7** coated electrodes we supply is inspected for consistency, efficiency, and reliability. Our commitment to excellence ensures our

customers receive welding consumables that deliver superior value and long-lasting performance.

For industries that rely on robust welding solutions, Metals And Welding Specialities' AWS Class **ENiCu-7** electrode is a proven choice that meets both national and international standards. With our dedication to quality and innovation, we provide materials that strengthen the foundation of your operations.

Specification AWS Class ENiCu-7 Coated



Classification	AWS A5.11, A5.1, ENiCu-7
Form	Welding Electrode, Welding Rods
Type Of Current	Direct Current Electrode Positive (DCEP)
Diameters	3/32", 1/8", 5/32", 3/16" or 2.5mm, Ø 3.2mm, Ø 4.0mm, Ø 5.0mm
Size	2.0mm ∞ 5.0mm
AC/DC+	50-80, 80-110, 100-135, 140-180
Welding Positions	All positions 5/32" & 3/16" recommended for use in flat & horizontal positions only (F, V, OH, H)
AWS ENiCrMo-13 Coated Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of AWS ENiCrMo-4 Welding Electrodes



Class	UNS	Oxford Alloys	Special Metals	UTP	ESAB
ENiCu-7	W84190	Alloy 190	MONEL WELDING ELECTRODE 190	UTP 80 M	OK NICU-7

AWS Class ENiCu-7 Coated Chemical Composition



C	Mn	P	S	Si	Cu	Nb+Ta	Al	Ti
0.03	3.70	0.01	0.004	0.80	Balance	0.5-3.0	0.09	0.60

AWS Class ENiCu-7 Coated Parameters



Diameter		Process	Volt	Amps (flat)	Amps (V/OH)
in	(mm)				
3/32	(2.4)	SMAW	24-28	70-85	65-75
1/8	(3.2)	SMAW	26-30	85-110	80-90
5/32	(4.0)	SMAW	28-32	110-140	100-120
3/16	(4.8)	SMAW	28-32	120-160	110-130

People Also Searched

AWS Class ENiCu-7, UNS N04060, ASTM B127, ENiCu-7 electrode, ENiCu-7 welding rod, ENiCu-7 filler metal, ENiCu-7 electrode price, Monel 400 welding electrode, nickel copper welding electrode, ENiCu-7 chemical composition, ENiCu-7 mechanical properties, ENiCu-7 hardness, ENiCu-7 equivalent, ENiCu-7 standard, nickel copper alloy welding rod, ENiCu-7 electrode suppliers, ENiCu-7 exporter, ENiCu-7 manufacturer, ENiCu-7 distributor, ENiCu-7 welding electrode specification, ENiCu-7 electrode datasheet, ENiCu-7 electrode uses, ENiCu-7 tensile strength, ENiCu-7 density, ENiCu-7 applications, ENiCu-7 electrodes India, ASTM B127 welding electrode, UNS N04060 welding electrode, ENiCu-7 welding rod suppliers, ENiCu-7 welding rod manufacturers, ENiCu-7 welding rod distributors, nickel copper alloy electrode UNS N04060, ENiCu-7 electrode Monel 400 welding, ENiCu-7 welding consumables, ENiCu-7 weldability, ENiCu-7 corrosion resistance electrode, ENiCu-7 arc welding electrode, AWS ENiCu-7 coated electrodes.