

Metals And Welding Specialities is a trusted supplier and manufacturer of premium welding consumables, offering high-performance solutions for demanding industries. One of the standout products in the portfolio is the **ECuNi Welding Electrodes**, a product designed to meet the toughest welding challenges with unmatched reliability. These electrodes conform to international quality benchmarks, including **ASTM B432** standards and **UNS C71500**, ensuring superior welding performance in marine, offshore, and chemical processing applications.



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The **ECuNi Welding Electrodes** are engineered with a unique copper-nickel composition, offering excellent resistance to seawater corrosion, stress cracking, and erosion. Their chemical stability makes them particularly valuable for welding copper-nickel alloys widely used in shipbuilding, desalination plants, and heat exchanger systems. Metals And Welding Specialities ensures these electrodes deliver a stable arc, smooth bead appearance, and low spatter, providing welders with ease of use and consistent quality results.



ECuNi Welding Electrodes, ECuNi Welding Electrodes Manufacturers, ECuNi Welding Electrodes Suppliers, ECuNi Welding Electrodes Stockists, ECuNi Welding Electrodes Exporters

With **ASTM B432** as the universal standard and **UNS C71500** as its material designation, these electrodes offer long-lasting protection against localized corrosion in saline environments. Industries that depend on durability under harsh conditions choose Metals And Welding Specialities' electrodes for joining and overlaying applications. Their ability to maintain mechanical strength while withstanding biofouling, pitting, and crevice corrosion gives them a distinct advantage over conventional consumables. The unique coating on the **ECuNi Welding Electrodes** enhances slag detachability, reduces porosity, and ensures superior metallurgical bonding. This makes them highly efficient for use in fabrication and repair projects where precision and durability are critical. The electrodes demonstrate excellent toughness, ductility, and thermal conductivity, ensuring joints remain strong under fluctuating temperatures and pressures.



ECuNi Welding Electrodes in India, ECuNi Welding Electrodes Manufacturers in India, ECuNi Welding Electrodes Suppliers in India, ECuNi Welding Electrodes Stockists in India, ECuNi Welding Electrodes Exporters in India

Metals And Welding Specialities has built its reputation on delivering electrodes that comply with strict industry standards while addressing the practical needs of welders. Whether it is offshore oil and gas platforms, ship hulls, or power plant condensers, the **ECuNi Welding Electrodes** consistently provide dependable performance. Their copper-nickel formulation aligns with evolving industrial requirements, combining cost-effectiveness with long service life.

Customers choose Metals And Welding Specialities not just for product quality but also for technical expertise and support. The company ensures its **ECuNi Welding Electrodes** are manufactured with precision, meeting global specifications and client expectations. By investing in this product, industries benefit from increased productivity, reduced maintenance costs, and superior weld integrity.

For projects demanding durability, corrosion resistance, and compliance with **ASTM B432** and **UNS C71500**, Metals And Welding Specialities provides the trusted solution with its **ECuNi Welding Electrodes**. This product reflects the company's commitment to advancing welding technology while ensuring maximum customer satisfaction worldwide.

Specification ECuNi Welding Electrodes



Classification	AWS A5.11, A5.1, ECuNi
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)
ECuNi Coated Electrodes Application & uses	<ul style="list-style-type: none"> Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of ECuNi Welding Electrodes



Class	UNS	Oxford Alloys	Special Metals	UTP	SANDVIK
ECuNi	W60715	Alloy 187	MONEL WELDING ELECTRODE 187	UTP 387	EXATON NI 71

ECuNi Welding Electrodes Chemical Composition



Mn	Fe	Si	Cu including Ag	Ni including Cobalt	P	Pb	Ti	Other
1.00-2.50	0.40-0.75	0.50	Remainder	29.0-33.0	0.020	0.02	0.50	0.50

ECuNi Welding Electrodes 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

ECuNi Welding Electrodes, ASTM B432, UNS C71500, Copper Nickel Electrodes, CuNi Welding Electrodes, Nickel Copper Welding Rods, ECuNi Welding Consumables, ASTM B151, ASTM B466, ASTM B467, ASTM B111, ASTM B122, ASTM B171, ASTM B359, ASTM B552, ASTM B369, ASTM B369 UNS C71500, ASTM B467 UNS C70600, ASTM B466 UNS C71500, UNS C70600 Electrodes,

Copper Nickel Rods, CuNi Coated Rods, Copper Nickel Alloy Electrodes, Nickel Copper Alloy Welding, ASTM B111 UNS C70600, ASTM B171 UNS C71500, ASTM B466 UNS C71500, CuNi Welding Rods, AWS ECuNi, AWS A5.6, Marine Grade Welding Electrodes, Heat Exchanger Welding Electrodes, Seawater Resistant Electrodes, Offshore Welding Rods, Shipbuilding Welding Electrodes, Desalination Plant Welding Consumables.