

At Metals And Welding Specialities, we manufacture and supply high-quality **ENiCrMo-4 Coated Electrodes** designed to deliver superior welding performance in critical environments. These electrodes are classified under **UNS W86112** and conform to **ASTM A5.11** as well as **AWS A5.11 ENiCrMo-4** universal standards, making them reliable for industries that demand exceptional strength, corrosion resistance, and heat stability.



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The **ENiCrMo-4 electrodes** are nickel-chromium-molybdenum alloy Welding Electrodes widely recognized for their ability to withstand extreme chemical and thermal conditions. They are extensively used in welding applications where resistance to oxidizing, reducing, and mixed environments is required. Metals And Welding Specialities ensures precise manufacturing that allows welders to achieve crack-resistant, durable, and stable welds even under challenging circumstances.

ENiCrMo-4 Welding Electrodes, ENiCrMo-4 Welding Electrodes Manufacturers, ENiCrMo-4 Welding Electrodes Suppliers, ENiCrMo-4 Welding Electrodes



One of the main advantages of **ENiCrMo-4 Coated Electrodes** is their ability to provide excellent resistance to stress corrosion cracking, pitting, and crevice corrosion. Their nickel base offers outstanding toughness, while the chromium and molybdenum content enhances resistance against both oxidizing and reducing agents. This makes these electrodes ideal for joining dissimilar metals, overlaying, and cladding applications in industries like chemical processing, petrochemical plants, offshore drilling, marine engineering, and pollution control equipment.

In addition to their corrosion resistance, **ENiCrMo-4 electrodes** maintain strength and stability at elevated temperatures, ensuring weld integrity in high-pressure and high-heat operations. The weld deposits exhibit excellent metallurgical stability, making them suitable for applications involving sulfuric acid, phosphoric acid, hydrochloric acid, and other harsh media. Metals And Welding Specialities has developed these electrodes to meet the highest global standards so that customers receive consistent and reliable performance in demanding welding conditions.



ENiCrMo-4 Welding Electrodes in India, ENiCrMo-4 Welding Electrodes Manufacturers in India, ENiCrMo-4 Welding Electrodes Suppliers in India, ENiCrMo-4 Welding Electrodes Stockists in India, ENiCrMo-4 Welding Electrodes Exporters in India

Our **UNS W86112 electrodes** under the **ASTM A5.11 ENiCrMo-4** classification are also widely chosen for their versatility. They can be used in welding nickel alloys to stainless steel or carbon steel, ensuring strong joints without compromising mechanical properties. Their smooth arc performance, minimal spatter, and easy slag removal make them highly efficient for welders, reducing downtime and improving productivity.

Metals And Welding Specialities has established itself as a trusted supplier of **ENiCrMo-4 Coated Electrodes** worldwide, providing customers with products that combine precision engineering, durability, and compliance with international standards. Our electrodes are available in various sizes to match project requirements, ensuring maximum compatibility across applications. When industries demand welding solutions that combine corrosion resistance, heat stability, and weld strength, Metals And Welding Specialities' **ENiCrMo-4 Coated Electrodes** deliver performance that sets the benchmark for reliability. With their global acceptance under **UNS W86112, ASTM A5.11, and AWS A5.11 ENiCrMo-4**, these electrodes are the preferred choice for critical applications across multiple sectors.

Specification ENiCrMo-4 Welding Electrodes



Classification	AWS A5.11, A5.1, ENiCrMo-4
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-4 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	SANDVIK	UTP
ENiCrMo-4	W80276	Alloy C-276	Incoweld C 276	EXATON NICRMO-4 / EXATON NI 56	UTP 776 KB

ENiCrMo-4 Welding Electrodes Chemical Composition



C	Mn	Fe	P	S	Si	Cu	Ni	Co	Cr	Mo	V	W	Other
0.02	1.0	4.0-7.0	0.04	0.03	0.2	0.50	Remainder	2.5	14.5-16.5	15.0-17.0	0.35	3.0-4.5	0.50

ENiCrMo-4 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

ENiCrMo-4 welding electrode UNS W86112, ENiCrMo-4 AWS A5.11 electrode, ENiCrMo-4 Coated Welding Rod, ASTM A5.11 ENiCrMo-4 electrode, UNS W86112 welding rods, Nickel Alloy ENiCrMo-4 electrode, AWS A5.11 UNS W86112 electrode, Nickel-Chromium-Molybdenum electrode ENiCrMo-4, ENiCrMo-4 electrodes Metals And Welding Specialities, ENiCrMo-4 UNS W86112 welding consumables, ENiCrMo-4 stick electrode ASTM grade, Coated electrode ENiCrMo-4 welding alloy, ENiCrMo-4 high temperature electrode, corrosion resistant ENiCrMo-4 electrodes, petrochemical welding electrode ENiCrMo-4 UNS W86112,

offshore welding electrode ENiCrMo-4, chemical industry ENiCrMo-4 electrodes, dissimilar metal welding ENiCrMo-4 electrode, marine welding electrode ENiCrMo-4 UNS W86112, ENiCrMo-4 weld overlay electrode, cladding electrode ENiCrMo-4, ENiCrMo-4 ASTM A5.11 electrode supplier, UNS W86112 electrode manufacturer Metals And Welding Specialities, ENiCrMo-4 nickel alloy stick electrode, high strength ENiCrMo-4 electrodes, ENiCrMo-4 Coated Welding Electrodes UNS W86112, AWS A5.11 ENiCrMo-4 electrodes Metals And Welding Specialities, ASTM grade ENiCrMo-4 electrode for stainless steel, ENiCrMo-4 electrode for carbon steel welding, ENiCrMo-4 stress corrosion resistant electrode, ENiCrMo-4 welding rod UNS W86112 ASTM A5.11, Metals And Welding Specialities ENiCrMo-4 electrode supplier India, ENiCrMo-4 universal standard welding electrode, ENiCrMo-4 nickel base welding electrode UNS W86112.