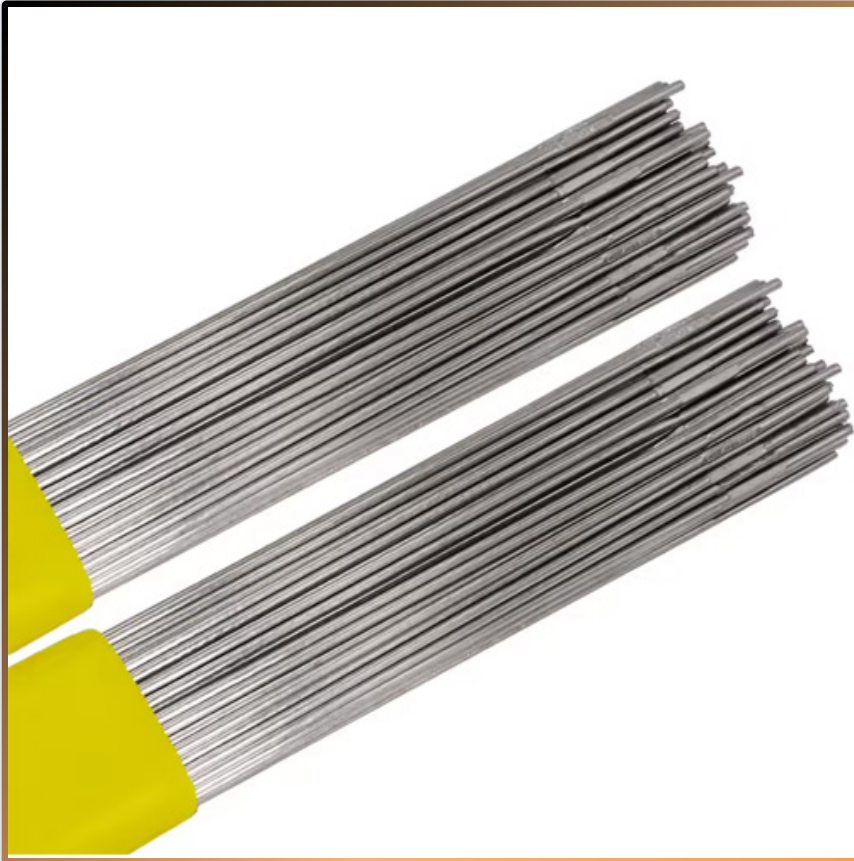


Metals And Welding Specialities is a trusted manufacturer and supplier of **Enicrcomo-1 Welding Electrodes**, engineered to meet the highest performance standards in the welding industry. These electrodes are designed for joining and overlay applications where strength, corrosion resistance, and heat resistance are critical. Identified under **UNS W86112** and compliant with **ASTM A297 Grade HK40 Universal Standard**, this product delivers unmatched quality and reliability for industrial environments.



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The **ENiCrCoMo-1 Coated Electrodes** are widely recognized for their exceptional performance in harsh service conditions. They offer resistance against oxidation, carburization, and sulfidation, making them ideal for high-temperature and corrosive applications. The nickel-chromium-cobalt-molybdenum alloy composition ensures stable arc characteristics and excellent weldability. By using Metals And Welding Specialities electrodes, industries achieve high-strength weld deposits with superior metallurgical properties, minimizing downtime and enhancing operational efficiency.



Enicrcomo-1 Welding Electrodes, Enicrcomo-1 Welding Electrodes Manufacturers, Enicrcomo-1 Welding Electrodes Suppliers, Enicrcomo-1 Welding Electrodes Stockists, Enicrcomo-1 Welding Electrodes Exporters

Applications for **AWS ENiCrCoMo-1 Coated Electrodes** span across various industries, including petrochemical, power generation, chemical processing, and refineries. These electrodes are particularly effective in welding furnace components, gas turbine parts, and heat exchanger equipment exposed to extreme operating conditions. Their metallurgical stability allows them to retain mechanical strength even under prolonged high temperatures, ensuring long service life for welded structures. Metals And Welding Specialities ensures that every batch of **UNS W86112 electrodes** meets stringent quality checks to guarantee consistent performance. The superior coating on these electrodes provides excellent slag removal, smooth weld bead appearance, and low spatter levels. This makes them user-friendly while delivering professional-grade welding results. Customers choose Metals And Welding Specialities because of its commitment to precision manufacturing, reliability, and competitive pricing.



Enicrcomo-1 Welding Electrodes in India, Enicrcomo-1 Welding Electrodes Manufacturers in India, Enicrcomo-1 Welding Electrodes Suppliers in India, Enicrcomo-1 Welding Electrodes Stockists in India, Enicrcomo-1 Welding Electrodes Exporters in India

One of the core strengths of **ENiCrCoMo-1 Coated Electrodes** lies in their resistance to aggressive chemical attack. In environments where traditional alloys may fail, this electrode stands firm, providing extended durability and reduced maintenance costs. Industries that face high oxidation or sulfidizing conditions, such as gas plants or thermal processing units, rely on this electrode as their first choice for secure and lasting welds.

As a supplier, Metals And Welding Specialities supports its clients with technical expertise, quick delivery schedules, and comprehensive after-sales assistance. By offering **AWS Class ENiCrCoMo-1** electrodes aligned with **ASTM A297 Grade HK40** specifications, the company continues to be a global leader in welding consumables.

For customers searching by different identifiers, Metals And Welding Specialities provides this product under multiple references: **AWS Class ENiCrCoMo-1**, **UNS W86112**, and **ASTM A297 Grade HK40 Universal Standard**. With this versatility, engineers and procurement professionals can easily find the electrodes they need under recognized global standards.

### Specification Enicrcomo-1 Welding Electrodes



<b>Classification</b>	<b>AWS A5.11, A5.1, ENiCrCoMo-1</b>
<b>Form</b>	Welding Electrode, Welding Rods
<b>Type Of Current</b>	Direct Current Electrode Positive (DCEP)
<b>Diameters</b>	3/32", 1/8", 5/32", 3/16" or 2.5mm, Ø 3.2mm, Ø 4.0mm, Ø 5.0mm
<b>Size</b>	2.0mm ∞ 5.0mm
<b>AC/DC+</b>	50-80, 80-110, 100-135, 140-180

<b>Welding Positions</b>	All positions 5/32" & 3/16" recommended for use in flat & horizontal positions only (F, V, OH, H)
<b>ENiCrCoMo-1 Coated Electrodes Application &amp; uses</b>	<ul style="list-style-type: none"> <li>Petroleum</li> <li>Chemical plant</li> <li>Power sector</li> <li>Gas Industry</li> <li>Hardware tools</li> <li>Metallurgy</li> <li>Machinery</li> <li>Construction</li> <li>Shipbuilding</li> </ul>

## Equivalent Grade Of ENiCrCoMo-1 Welding Electrodes



Class	UNS	Oxford Alloys	Special Metals	SANDVIK	UTP
ENiCrCoMo-1	W86133	Alloy 117	INCONEL WELDING ELECTRODE 117	EXATON NICRCOMO-1 / SANICRO 53 / EXATON NI 53	UTP 6170 CO

## Enicrcomo-1 Welding Electrodes Chemical Composition



C	Mn	Fe	P	S	Si	Cu	Ni	Cr	Nb+Ta	Mo	Other
0.10	1.0-3.5	12.0	0.03	0.02	0.75	0.50	62.0	13.0-17.0	0.5-3.0	0.5-2.5	0.50

## Enicrcomo-1 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

ENiCrCoMo-1 electrode, UNS W86112 welding electrode, ASTM A297 Grade HK40 electrode, AWS ENiCrCoMo-1 welding rod, nickel alloy electrode W86112, coated welding electrodes HK40, high temperature resistant electrode, corrosion resistant

electrode UNS W86112, AWS Class ENiCrCoMo-1 supplier, Metals And Welding Specialities ENiCrCoMo-1, nickel chromium molybdenum electrode, cobalt alloy electrode ENiCrCoMo-1, welding electrode for furnace parts, electrode for petrochemical welding, ASTM HK40 electrodes, UNS W86112 arc welding rod, AWS ENiCrCoMo-1 welding filler, ENiCrCoMo-1 arc stability, slag removal electrode, oxidation resistant electrode, carburization resistant electrode, high strength nickel electrode, heat resistant alloy electrode, ENiCrCoMo-1 overlay welding electrode, welding consumables UNS W86112, welding electrode ASTM Grade HK40, nickel chromium electrode for refineries, ENiCrCoMo-1 weld deposit strength, AWS ENiCrCoMo-1 Metals And Welding Specialities, UNS W86112 welding consumables, cobalt nickel molybdenum electrode, high alloy electrode ENiCrCoMo-1, industrial welding electrode ASTM HK40, premium quality ENiCrCoMo-1 electrode, oxidation corrosion resistant rod, gas turbine welding electrode, power plant welding consumables, chemical processing welding electrodes.