

Metals And Welding Specialities is a trusted name in the manufacturing and supply of premium welding consumables, including the high-performance **E410NiMo-16 Welding Electrodes**. These electrodes are designed in accordance with **UNS S41041** and **ASTM A240 Grade 410NiMo** standards, making them suitable for applications that demand strength, corrosion resistance, and long service life. Built to deliver excellent performance, our electrodes are widely recognized for their reliability in joining stainless steel components exposed to harsh working conditions.



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The **E410NiMo-16 Welding Electrodes** are known for their outstanding mechanical properties, ensuring toughness and crack resistance even under high stress. Their nickel and molybdenum content improves resistance to corrosion, particularly in environments involving chlorides, steam, and acidic solutions. They are extensively used in industries such as power generation, petrochemical, marine engineering, and paper and pulp processing. These electrodes ensure a smooth arc with minimal spatter, making welding easier while providing strong, durable joints.



E410NiMo-16 Welding Electrodes, E410NiMo-16 Welding Electrodes Manufacturers, E410NiMo-16 Welding Electrodes Suppliers, E410NiMo-16 Welding Electrodes Stockists, E410NiMo-16 Welding Electrodes Exporters

At Metals And Welding Specialities, we manufacture **UNS S41041 electrodes** with precision to meet the needs of demanding industries. They offer superior weld metal strength, high temperature oxidation resistance, and the ability to withstand environments where wear and tear are common. The **ASTM A240 Grade 410NiMo electrodes** are particularly effective for welding martensitic stainless steels, turbine components, valves, and other critical parts where service conditions are extreme. Our **E410NiMo-16 Welding Electrodes** are also highly recommended for overlay and repair welding, where protection from corrosion and erosion is essential. The weld deposits exhibit excellent hardness combined with toughness, making them suitable for situations where resistance to cracking and scaling is required. The usability of these electrodes in both AC and DC currents ensures versatility across multiple welding operations, giving welders maximum flexibility and control.



E410NiMo-16 Welding Electrodes in India, E410NiMo-16 Welding Electrodes Manufacturers in India, E410NiMo-16 Welding Electrodes Suppliers in India, E410NiMo-16 Welding Electrodes Stockists in India, E410NiMo-16 Welding Electrodes Exporters in India

When choosing **Metals And Welding Specialities AWS Class E410NiMo-16**, customers are assured of consistent quality, adherence to international standards, and products that enhance productivity and performance. With our strict quality controls, we provide electrodes that not only meet specifications but exceed customer expectations in durability and efficiency. Metals And Welding Specialities continues to supply industries worldwide with **AWS E410NiMo-16 electrodes**, offering complete technical support and timely delivery. By selecting our **UNS S41041 ASTM A240 Grade 410NiMo electrodes**, clients benefit from advanced welding solutions that improve operational safety and ensure long-lasting performance in demanding applications.

## Specification E410NiMo-16 Welding Electrodes



<b>Classification</b>	<b>AWS A5.4, E410NiMo-16</b>
<b>Form</b>	Welding Electrode, Welding Rods
<b>Type Of Current</b>	AC-DCEP (Direct Current Electrode Positive)
<b>Welding Position</b>	F, V, OH, H
<b>Size</b>	2.0 mm, 2.50 mm, 3.15 mm, 4.00 mm, 5.0 mm
<b>AC/DC+</b>	AC or DC (+)
<b>JIS Specification</b>	BS 2926 19.9 A R
<b>Other Specification</b>	DIN 8556 E19 9 R 23 A

## AWS A5.4, E410NiMo-16 Coated Electrodes Application & uses

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

## Equivalent Grade Of E410NiMo-16 Welding Electrodes



Class	UNS	Oxford Alloys	BOHLER	UTP
E410NiMo-16	W41016	Alloy 410NiMo-16	BOHLER FOX CN 13/4	YTP 6635 E410NIMO

## E410NiMo-16 Welding Electrodes Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.06	11.0-12.5	4.0-5.0	0.40-0.70	1.0	0.90	0.04	0.03	0.75

## E410NiMo-16 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

ASTM A240 Grade 410, ASTM A240 Grade 316, ASTM A240 Grade 317L, ASTM A240 Grade 347, ASTM A240 Grade 904L, ASTM A240 Grade 430, ASTM A240 Grade 420, ASTM A240 Grade 321, ASTM A240 Grade 310, ASTM A240 Grade 304L, ASTM A240 Grade 308, ASTM A240 Grade 309, ASTM A240 Grade 2205, ASTM A240 Grade 2507, UNS S41041, UNS S31600, UNS S31703, UNS S34700, UNS N08904, UNS S43000, UNS S42000, UNS S32100, UNS S31008, UNS S30403, UNS S30800, UNS S30900, UNS

S32205, UNS S32750, UNS S31254, UNS N06625, UNS N08825, UNS N10276, UNS S17400, UNS S44600, UNS S40900, UNS S40500.