

Metals And Welding Specialities offers premium quality **E309LMo-16 Welding Electrodes**, designed for welding applications where strength, durability, and corrosion resistance are critical. These electrodes are manufactured to meet the rigorous standards of **ASTM A240 Grade 309/309L** and comply with universal specifications such as **UNS S30900** and **UNS S30908**. With a reputation for delivering consistency and performance, Metals And Welding Specialities ensures that every electrode aligns with industry demands for stainless steel fabrication and repair.



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The **E309LMo-16 electrodes** are engineered to weld dissimilar metals, particularly when joining stainless steel to carbon steel or low alloy steels. The presence of low carbon content (**309L**) reduces carbide precipitation, preventing intergranular corrosion in high-temperature service. These properties make them highly reliable for use in petrochemical plants, heat exchangers, furnace parts, and other demanding environments. Metals And Welding Specialities supplies electrodes that guarantee stable arc performance, easy slag removal, and high deposit efficiency, giving welders confidence in critical applications.



E309LMo-16 Welding Electrodes, E309LMo-16 Welding Electrodes Manufacturers, E309LMo-16 Welding Electrodes Suppliers, E309LMo-16 Welding Electrodes Stockists, E309LMo-16 Welding Electrodes Exporters

Manufactured under strict quality controls, Metals And Welding Specialities' **AWS E309-16** and **AWS E309L-16 electrodes** are ideal for welding base materials such as **ASTM A240 Grade 309**, **ASTM A240 Grade 309L**, and equivalent stainless steels. They provide excellent resistance to oxidation and scaling up to elevated temperatures, ensuring structural integrity and durability. The combination of high chromium and nickel content enhances corrosion resistance, making these electrodes indispensable in industries like chemical processing, shipbuilding, boiler manufacturing, and power generation.

Customers choose Metals And Welding Specialities for **UNS S30900 electrodes** and **UNS S30908 electrodes** because of their precision formulation and compatibility with multiple welding techniques. The electrodes perform well with both AC and DC current, ensuring versatility across welding operations. With smooth arc stability and minimal spatter, they reduce cleanup time and improve overall welding efficiency. In addition, their universal applicability in stainless-to-stainless and stainless-to-carbon welding makes them a preferred choice for both maintenance and fabrication projects.



E309LMo-16 Welding Electrodes in India, E309LMo-16 Welding Electrodes Manufacturers in India, E309LMo-16 Welding Electrodes Suppliers in India, E309LMo-16 Welding Electrodes Stockists in India, E309LMo-16 Welding Electrodes Exporters in India

When you invest in Metals And Welding Specialities' **ASTM Grade 309** and **ASTM Grade 309L electrodes**, you are assured of high performance, compliance with international standards, and long-lasting weld integrity. These coated electrodes offer unmatched reliability, whether applied in refinery equipment, pipelines, tanks, or heat-resistant components. Backed by Metals And Welding Specialities' commitment to quality and customer satisfaction, the **E309LMo-16 Welding Electrodes** deliver outstanding results for a wide range of welding applications.

### Specification E309LMo-16 Welding Electrodes



<b>Classification</b>	<b>AWS A5.4, E309LMo-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 E309LMo-16**  
Coated Electrodes Application & uses

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

**Equivalent Grade Of E309LMo-16 Welding Electrodes**



Class	UNS	Oxford Alloys	BOHLER
E309LMo-16	W30923	Alloy 309LMo-16	BOHLER FOX CN 23/12 MO - A 309LMO-17

**E309LMo-16 Welding Electrodes Chemical Composition**



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.04	22.0-25.0	12.0-14.0	0.75	0.5-2.5	1.00	0.04	0.03	0.75

**E309LMo-16 Welding Electrodes Parameters**



Diameter	Type of Current	Amperage Range		Voltage Range
		Flat	Out of Position	
3/32"	DCEP or AC	70-90	65-80	20-23
1/8"	DCEP or AC	80-110	75-95	21-24
5/32"	DCEP or AC	120-160	100-120	22-25
3/16"	DCEP or AC	170-190	Not recommended	23-26

**People Also Searched**

AWS E309-16 electrodes, AWS E309L-16 electrodes, ASTM A240 Grade 309 stainless steel, ASTM A240 Grade 309L stainless steel, UNS S30900 stainless electrodes, UNS S30908 welding rods, stainless steel welding electrodes, E309 electrodes suppliers, E309L welding electrodes price, stainless dissimilar welding electrodes, E309 electrodes for carbon steel, stainless to carbon welding electrodes, E309L stainless steel rods, ASTM A240 309 welding filler, ASTM A240 309L rods, AWS E309 stainless filler,

AWS E309L stainless steel electrode, S30900 stainless steel rods, S30908 electrodes, stainless stick electrodes, coated stainless steel electrodes, E309L-16 welding electrodes, high-temperature stainless electrodes, stainless welding rods suppliers, corrosion-resistant stainless electrodes, welding rods for dissimilar joints, ASTM Grade 309 stainless rods, ASTM Grade 309L stainless electrodes, stainless arc welding electrodes, stainless steel filler rods, AWS coated stainless electrodes, UNS S30900 filler, UNS S30908 welding material, E309 rods for furnaces, stainless alloy welding electrodes, ASTM stainless steel welding consumables.