

At Metals And Welding Specialities, we manufacture and supply premium quality **E310H Welding Electrodes** designed for welding high alloy steels and heat-resistant stainless steels. These electrodes are engineered to meet the highest industry standards, including **ASTM A240 Grade 310** and **UNS S31000**, making them a reliable choice for demanding industrial applications. With superior arc stability, smooth slag removal, and excellent bead appearance, our **E310-16 electrodes** are widely trusted by fabricators and industries worldwide.



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The primary use of **AWS E310-16 electrodes** lies in joining and repairing components that operate in high-temperature environments such as furnaces, kilns, boilers, and chemical processing equipment. The electrodes provide outstanding oxidation resistance up to 1200°C, ensuring long service life even in conditions of continuous heating and cooling. Their austenitic stainless steel composition offers superb corrosion resistance against carburizing and oxidizing atmospheres, making them ideal for petrochemical and power generation industries.



E310H Welding Electrodes, E310H Welding Electrodes Manufacturers, E310H Welding Electrodes Suppliers, E310H Welding Electrodes Stockists, E310H Welding Electrodes Exporters

Metals And Welding Specialities ensures that every **coated electrode E310-16** undergoes rigorous testing and strict quality control to match international specifications. The electrodes exhibit excellent weldability in both AC and DC currents, giving welders flexibility during operations. The deposited weld metal is tough, crack-resistant, and maintains strength at elevated temperatures, ensuring structural stability and durability of the welded components.

Another key feature of **UNS S31000 electrodes** is their versatility in welding dissimilar steels. They are particularly effective in joining carbon steels with stainless steels, and in applications where high alloy steels are exposed to severe conditions. This makes Metals And Welding Specialities' **ASTM Grade 310 welding electrodes** highly sought after in industries such as shipbuilding, aerospace, cement, and thermal power plants.



E310H Welding Electrodes in India, E310H Welding Electrodes Manufacturers in India, E310H Welding Electrodes Suppliers in India, E310H Welding Electrodes Stockists in India, E310H Welding Electrodes Exporters in India

Metals And Welding Specialities has earned a strong reputation as a trusted supplier of **E310H Welding Electrodes** across global markets. Our commitment to excellence, precision manufacturing, and adherence to universal standards ensures customers receive products that deliver consistent performance. With a large stock inventory and a customer-focused approach, we provide timely delivery to meet urgent industrial requirements.

When you choose **ASTM A240 Grade 310 UNS S31000 electrodes** from Metals And Welding Specialities, you invest in quality, reliability, and superior performance. These electrodes are not just consumables but critical solutions that help extend the lifespan of your welded structures and equipment.

### Specification E310H Welding Electrodes



<b>Classification</b>	<b>AWS A5.4, E310-16</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 E310-16 Coated Electrodes Application & uses

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

## Equivalent Grade Of E310H Welding Electrodes



Class	UNS	Oxford Alloys	BOHLER	UTP
E310-16	W31010	Alloy 310-16	BOHLER FOX FFB - A	UTP 68 H

## E310H Welding Electrodes Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.08-0.20	25.0-28.0	20.0-22.5	0.75	1.0-2.5	0.75	0.03	0.03	0.75

## E310H 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

AWS E310-16 welding electrodes, ASTM A240 Grade 310 electrodes, UNS S31000 electrodes, stainless steel welding rods E310-16, high temperature welding electrodes, oxidation resistant welding rods, E310-16 stainless steel electrodes, Metals And Welding Specialities E310-16, heat resistant electrodes ASTM 310, furnace welding electrodes UNS S31000, boiler repair electrodes E310-16, petrochemical welding electrodes 310, E310-16 electrode suppliers, electrodes for dissimilar steels, high alloy welding electrodes, electrodes for cement industry, thermal plant welding electrodes E310-16, oxidation resistance electrodes UNS

S31000, corrosion resistant stainless electrodes, welding rods ASTM Grade 310, electrodes for kilns and furnaces, welding electrodes for boilers UNS S31000, stainless steel rods E310-16, industrial welding electrodes ASTM 310, Metals And Welding Specialities stainless electrodes, coated electrodes AWS Class E310H, electrodes for chemical processing, electrodes for power generation UNS S31000, welding consumables ASTM 310 grade, stainless steel repair electrodes, oxidation resistant stainless steel rods, heat resistant stainless welding rods, AWS E310-16 rods Metals And Welding Specialities, high performance welding electrodes 310, electrodes for aerospace UNS S31000, stainless repair welding electrodes ASTM 310.