

Metals And Welding Specialities is a trusted supplier and manufacturer of high-quality **E410-16 Welding Electrodes**, engineered to meet the stringent needs of industries requiring stainless steel welding rods with reliable performance. These electrodes are manufactured using stainless steel conforming to UNS S41000 and equivalent to ASTM A240 Grade 410, known for their outstanding hardness, strength, and corrosion resistance. Designed for joining and overlay welding applications, **E410-16 welding electrodes** ensure durable and strong welds in environments that demand mechanical toughness and wear resistance.



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The **AWS E410-16 coated electrodes** are highly recommended for welding martensitic stainless steels, particularly where resistance to scaling, abrasion, and corrosion is required. Their ferritic-martensitic microstructure provides the right balance of strength and ductility, making them suitable for both repair and fabrication applications. These electrodes are widely applied in turbine blades, pump shafts, valves, and components exposed to elevated temperatures and corrosive atmospheres.



E410-16 Welding Electrodes, E410-16 Welding Electrodes Manufacturers, E410-16 Welding Electrodes Suppliers, E410-16 Welding Electrodes Stockists, E410-16 Welding Electrodes Exporters

One of the key benefits of using **UNS S41000 welding electrodes** is their excellent resistance to oxidation and scaling up to 1200°F (650°C). They are also valued for their ability to maintain hardness after heat treatment. This makes them particularly effective in environments where both wear and moderate corrosion resistance are critical. Metals And Welding Specialities ensures that every **AWS E410-16 electrode** meets global quality standards, guaranteeing weld integrity and longevity. Industries such as power generation, petrochemical, oil and gas, and marine sectors rely on **ASTM A240 Grade 410 electrodes** for their proven ability to withstand harsh conditions. These welding rods deliver a smooth arc with minimal spatter, making the welding process efficient and cost-effective. Moreover, their easy slag removal and stable arc characteristics enhance productivity and reduce downtime during operations.



E410-16 Welding Electrodes in India, E410-16 Welding Electrodes Manufacturers in India, E410-16 Welding Electrodes Suppliers in India, E410-16 Welding Electrodes Stockists in India, E410-16 Welding Electrodes Exporters in India

At Metals And Welding Specialities, we prioritize quality assurance and customer satisfaction. Our **stainless steel E410-16 coated electrodes** are thoroughly tested and certified, ensuring compliance with international standards. By choosing Metals And Welding Specialities, you gain access to premium welding consumables that not only meet but exceed industry expectations. For reliable, high-performance welding solutions, Metals And Welding Specialities' **E410-16 Welding Electrodes** remain a top choice. Whether you need them for critical maintenance or heavy-duty fabrication, these electrodes deliver consistent results with unmatched durability.

### Specification E410-16 Welding Electrodes



<b>Classification</b>	<b>AWS A5.4, E410-16</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, E410-16 Coated Electrodes Application & uses

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

## Equivalent Grade Of E410-16 Welding Electrodes



Class	UNS	Oxford Alloys
E410-16	W41010	Alloy 410-16

## E410-16 Welding Electrodes Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.12	11.0-13.5	0.7	0.75	1.0	0.90	0.04	0.03	0.75

## E410-16 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

E410-16 Welding Electrodes, E410-16 welding rods, UNS S41000 electrodes, ASTM A240 Grade 410 electrodes, stainless steel E410-16 electrodes, E410-16 stainless welding rods, martensitic stainless steel electrodes, E410-16 electrode suppliers, Metals And Welding Specialities E410-16 rods, welding rod UNS S41000, E410-16 stainless rods manufacturer, E410-16 equivalent electrodes, stainless steel 410 welding electrodes, AWS E410-16 stainless steel rods, ASTM A240 410 welding rods, E410-16 arc welding electrodes, E410-16 stainless steel welding consumables, E410-16 stick welding electrodes, UNS S41000 welding rods,

stainless electrodes ASTM A240 410, Metals And Welding Specialities stainless rods, high strength welding rods E410-16, E410-16 coated electrodes for turbines, E410-16 stainless repair welding rods, oxidation resistant electrodes UNS S41000, E410-16 stainless overlay welding rods, corrosion resistant E410-16 electrodes, ASTM 410 electrodes for welding, stainless welding rod UNS S41000, E410-16 stainless steel electrode stockist, AWS Class E410-16 stainless electrodes, Metals And Welding Specialities stainless steel E410-16 welding rods.