

Metals And Welding Specialities is a trusted supplier of **E316/316L-16 Welding Electrodes**, engineered for exceptional welding performance and durability. These electrodes are widely recognized for their compatibility with **ASTM A240 Grade 316/316L** stainless steel and conform to the universal standards of **UNS S31600** and **UNS S31603**. Designed for high-quality welds, they are extensively used in industries requiring excellent corrosion resistance, particularly in environments exposed to chlorides and other aggressive chemicals.



## Table Of Content

- [What is E316/316L-16 Welding Electrodes?](#)
- [Specification of E316/316L-16 Welding Electrodes](#)
- [Equivalent Grade Of E316/316L-16 Welding Electrodes](#)
- [Chemical Composition of E316/316L-16 Welding Electrodes](#)
- [E316/316L-16 Welding Electrodes Parameters](#)
- [People Searched for E316/316L-16 Welding Electrodes](#)
- [Supply Cities of E316/316L-16 Welding Electrodes](#)
- [Export Countries of E316/316L-16 Welding Electrodes](#)

The **E316/316L-16 coated electrodes** supplied by Metals And Welding Specialities provide a stable arc, low spatter, and smooth bead appearance. Their low carbon content minimizes carbide precipitation during welding, reducing the risk of intergranular corrosion. This makes them especially effective in fabrications where resistance to corrosion and oxidation is crucial. They are suitable for both AC and DC current, making them versatile across a range of welding applications.



E316/316L-16 Welding Electrodes, E316/316L-16 Welding Electrodes Manufacturers, E316/316L-16 Welding Electrodes Suppliers, E316/316L-16 Welding Electrodes Stockists, E316/316L-16 Welding Electrodes Exporters

These electrodes are extensively applied in sectors such as petrochemicals, pharmaceuticals, food processing, marine equipment, and chemical processing plants. The inclusion of molybdenum in **ASTM A240 Grade 316/316L** stainless steel enhances pitting resistance, ensuring reliable performance in environments where standard grades may fail. With their excellent weldability and crack resistance, the **AWS Class E316/316L-16 electrodes** provide fabricators with confidence in demanding conditions.

Metals And Welding Specialities ensures strict quality control in the manufacturing and supply of these electrodes, guaranteeing consistency and reliability. The electrodes are designed to meet international standards, ensuring that customers receive products that adhere to both ASTM and AWS specifications. Whether used for maintenance, repair, or new fabrication, **UNS S31600** and **UNS S31603 electrodes** deliver long-term durability and performance.



E316/316L-16 Welding Electrodes in India, E316/316L-16 Welding Electrodes Manufacturers in India, E316/316L-16 Welding Electrodes Suppliers in India, E316/316L-16 Welding Electrodes Stockists in India, E316/316L-16 Welding Electrodes Exporters in India

For clients seeking premium welding consumables, **Metals And Welding Specialities' E316/316L-16 electrodes** are a preferred choice. Their ability to withstand corrosive media, combined with easy handling and superior deposition characteristics, makes them suitable for critical applications where failure is not an option.

By offering high-quality electrodes aligned with **AWS Class E316/316L-16**, **ASTM A240 Grade 316/316L**, and **UNS S31600 / S31603**, Metals And Welding Specialities supports industries in achieving efficient, reliable, and lasting welding solutions.

## Specification E316/316L-16 Welding Electrodes



<b>Classification</b>	<b>AWS A5.4, E316/316L-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

### E316/316L-16 Coated Electrodes Application & uses

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

### Equivalent Grade Of E316/316L-16 Welding Electrodes



Class	UNS	Oxford Alloys	BOHLER	UTP
E316/316L-16	W31613	Alloy 316/316L-16	BOHLER FOX EAS 4 M- A E316L-17	UTP 68 MOLC

### E316/316L-16 Welding Electrodes Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.05	1.60	0.40	12	19	2.30	0.20	5.5	FN

### E316/316L-16 Welding Electrodes Parameters



Diameter	Voltage	Flat	Amperage Vertical & Overhead
3/32	24-28	70-85	65-75
1/8	26-30	85-110	80-90
5/32	28-32	110-140	100-120
3/16	28-32	120-160	110-130

## People Also Searched

ASTM A240 Grade 316, ASTM A240 Grade 316L, ASTM A240 Grade 304, ASTM A240 Grade 304L, ASTM A240 Grade 317, ASTM A240 Grade 317L, ASTM A240 Grade 321, ASTM A240 Grade 347, ASTM A240 Grade 310, ASTM A240 Grade 904L, ASTM A240 Grade 2205, ASTM A240 Grade 2507, ASTM A240 Grade 405, ASTM A240 Grade 409, ASTM A240 Grade 430, UNS S31600, UNS S31603, UNS S30400, UNS S30403, UNS S31700, UNS S31703, UNS S32100, UNS S34700, UNS S31000, UNS N08904, UNS S32205, UNS S32750, UNS S40500, UNS S40900, UNS S43000, AWS E308-16, AWS E309-16, AWS E310-16, AWS E347-16, AWS E317-16, AWS E2209-16, AWS E904L-16.