

Metals And Welding Specialities is a trusted manufacturer and supplier of high-performance **E316/316H-16 Welding Electrodes**. These electrodes are engineered to provide superior welding quality for stainless steel materials where high temperature strength and resistance to corrosive environments are essential. Manufactured according to **ASTM A240 Grade 316/316H** standards and complying with **UNS S31600** and **UNS S31609**, these welding electrodes deliver dependable results for industries that demand durability and precision.



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The **AWS E316/316H-16 electrodes** are specifically designed for joining stainless steels that contain molybdenum, which enhances pitting resistance in chloride environments and ensures toughness even at elevated temperatures. The higher carbon content in 316H makes these electrodes ideal for high-temperature service, maintaining structural integrity in boilers, heat exchangers, pressure vessels, and furnace parts. Metals And Welding Specialities ensures that each electrode is produced with consistency, meeting international standards for performance and reliability.



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

Weld deposits created using **AWS Class E316/316H-16 electrodes** provide excellent resistance to intergranular corrosion, scaling, and oxidation. This makes them suitable for critical applications in industries such as chemical processing, petrochemical, food and beverage, power generation, marine, and pharmaceuticals. In addition, the easy arc striking, smooth bead appearance, and minimal spatter enhance the welding experience, resulting in high-quality welds that reduce post-weld finishing requirements. Metals And Welding Specialities focuses on delivering products that not only meet technical requirements but also ensure long service life. The **ASTM A240 Grade 316/316H coated electrodes** undergo strict quality control to guarantee compliance with global standards. Welders can depend on these electrodes for both manual metal arc welding and for applications where robust mechanical properties are essential. With enhanced strength, resistance to chemical attack, and stability in aggressive atmospheres, the **AWS E316/316H-16 electrodes** stand out as a preferred choice across multiple sectors.



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

For projects that demand superior resistance against acids, alkalis, and chloride-induced corrosion, Metals And Welding Specialities offers a reliable solution with **UNS S31600/S31609 welding electrodes**. By combining advanced manufacturing with a focus on customer requirements, Metals And Welding Specialities has become a trusted name for stainless steel welding consumables worldwide. Choosing **E316/316H-16 Welding Electrodes** ensures strength, reliability, and efficiency in every weld.

Specification E316/316H-16 Welding Electrodes



Classification	AWS A5.4, E316/316H-16
Form	Welding Electrode, Welding Rods
Type Of Current	AC-DCEP (Direct Current Electrode Positive)
Welding Position	F, V, OH, H
Size	2.0 mm, 2.50 mm, 3.15 mm, 4.00 mm, 5.0 mm
AC/DC+	AC or DC (+)
JIS Specification	BS 2926 19.9 A R
Other Specification	DIN 8556 E19 9 R 23 A

AWS E316/316H-16 Coated Electrodes Application & uses

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

Equivalent Grade Of AWS E316/316H-16 Welding Electrodes



Class	UNS	Oxford Alloys
E316/316H-16	W31610	Alloy 316/316H-16

E316/316H-16 Welding Electrodes Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.04	17.0-20.0	11.0-14.0	2.0-3.0	0.5-2.5	1.00	0.04	0.03	0.75

E316/316H-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

AWS E316-16 electrodes, AWS E316H-16 electrodes, ASTM A240 Grade 316, ASTM A240 Grade 316H, UNS S31600 electrodes, UNS S31609 electrodes, stainless steel 316 electrodes, stainless steel 316H electrodes, 316 welding electrodes, 316H welding electrodes, SMAW stainless steel electrodes, stainless steel stick electrodes, AWS Class E316 electrodes, AWS Class E316H electrodes, stainless steel welding consumables, stainless steel arc electrodes, corrosion resistant electrodes, high temperature welding electrodes, stainless electrodes for pressure vessels, stainless electrodes for boilers, stainless electrodes for chemical

plants, stainless electrodes for heat exchangers, stainless welding rods UNS S31600, stainless welding rods UNS S31609, ASTM 316 coated electrodes, ASTM 316H coated electrodes, stainless welding electrodes suppliers, stainless steel welding rods 316, stainless steel welding rods 316H, AWS E316/316H-16 stainless electrodes, stainless welding electrodes Metals And Welding Specialities, stainless stick welding rods, stainless electrodes for marine use, stainless electrodes for petrochemical industry, stainless electrodes for pharmaceutical plants, stainless electrodes ASTM A240, stainless electrodes UNS standards.