Metals And Welding Specialities is a trusted name in supplying high-quality welding solutions, and our **E317L-16 Welding Electrodes** are designed to deliver exceptional performance in challenging environments. Manufactured to meet the rigorous demands of industrial welding, these electrodes are engineered using premium stainless steel alloy with the UNS S31703 designation. Known for their low carbon composition, **E317L-16 Welding Electrodes** provide superior resistance to intergranular corrosion, making them highly reliable for long-term service in corrosive conditions.

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These **ASTM A240** grade stainless steel electrodes are widely recognized across industries for their ability to produce smooth, stable arcs with minimal spatter. Metals And Welding Specialities ensures each electrode is precisely formulated to meet international quality standards, delivering welds that are strong, durable, and resistant to pitting, crevice corrosion, and scaling at elevated temperatures. The controlled ferrite structure of the deposit enhances crack resistance, ensuring that the welded joints perform consistently under stress.

E317L-16 Welding Electrodes, E317L-16 Welding Electrodes Manufacturers, E317L-16 Welding Electrodes Suppliers, E317L-16 Welding Electrodes Stockists, E317L-16 Welding Electrodes Exporters

Our **E317L-16 Welding Electrodes** are specifically designed for use in industries such as chemical processing, marine applications, paper and pulp manufacturing, food processing equipment, and oil and gas refineries. The UNS S31703 alloy, known for its high molybdenum content, provides excellent protection against chloride-induced corrosion, making these electrodes ideal for environments where exposure to seawater, acidic solutions, or aggressive chemicals is common.

Metals And Welding Specialities offers electrodes that provide exceptional weldability, allowing for easy slag removal and uniform bead appearance. The low carbon level reduces the risk of carbide precipitation during welding, which further improves resistance to intergranular corrosion. This makes our **E317L-16 Welding Electrodes** the preferred choice for industries that demand high performance and safety standards. Whether for repair, fabrication, or maintenance, these electrodes ensure maximum efficiency and productivity for welding professionals.

E317L-16 Welding Electrodes in India, E317L-16 Welding Electrodes Manufacturers in India, E317L-16 Welding Electrodes Suppliers in India, E317L-16 Welding Electrodes Stockists in India, E317L-16 Welding Electrodes Exporters in India

At Metals And Welding Specialities, we are committed to delivering welding consumables that meet international standards while ensuring cost-effectiveness and reliability. Our **E317L-16 Welding Electrodes** are supplied in multiple sizes and packaging options to meet the diverse requirements of our global clients. With excellent arc stability, ease of handling, and reliable performance, these electrodes stand as a benchmark in the field of stainless steel welding solutions.

If you are looking for electrodes that combine strength, durability, and superior corrosion resistance, Metals And Welding Specialities' **E317L-16 Welding Electrodes** UNS S31703, conforming to **ASTM A240**, are the right choice for your projects. We ensure strict quality control and testing, so every batch maintains consistent mechanical and metallurgical properties, guaranteeing customer satisfaction.

Specification E317L-16 Welding Electrodes

Classification	**AWS A5.4, E317L-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 A5.4, E317L-16 Coated Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of E317L-16 Welding Electrodes

Class	UNS	Oxford Alloys	BOHLER
E317L-16	UNS W31713	Alloy 317/317L-16	BAVESTA 317L /SNR E317L-17

E317L-16 Welding Electrodes Chemical Composition

C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.04	18.0-21.0	12.0-14.0	3.0-4.0	0.5-2.5	1.00	0.04	0.03	0.75

E317L-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

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