

Metals And Welding Specialities is a trusted name in the welding industry, delivering high-performance products that meet international quality standards. One of our specialized offerings is the **E320LR-16 Welding Electrodes**, engineered for reliability, durability, and exceptional weld quality. These electrodes are widely recognized for their ability to handle demanding applications across industries where corrosion resistance and metallurgical stability are critical. Manufactured to comply with **ASTM A240 Grade 320LR** and identified with the universal standard **UNS S32003**, these electrodes represent precision and performance at their finest.



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The **E320LR-16 Welding Electrodes** are designed with a low-carbon composition to minimize carbide precipitation and intergranular corrosion. This unique formulation provides excellent resistance to corrosive environments, making them an ideal choice for industries such as chemical processing, marine engineering, petrochemical plants, and power generation. The low-carbon property also ensures superior weld integrity, reducing the risk of cracking or porosity during welding. By adhering to strict

ASTM standards, Metals And Welding Specialities guarantees electrodes that consistently deliver clean, smooth welds with outstanding mechanical properties.



E320LR-16 Welding Electrodes, E320LR-16 Welding Electrodes Manufacturers, E320LR-16 Welding Electrodes Suppliers, E320LR-16 Welding Electrodes Stockists, E320LR-16 Welding Electrodes Exporters

Metals And Welding Specialities understands that welders demand products that perform under pressure. These **coated electrodes** are optimized for ease of use, offering a stable arc, smooth slag removal, and enhanced deposition efficiency. Their compatibility with AC and DC welding currents further enhances their versatility, allowing fabricators and welders to achieve consistent results regardless of the working conditions. The **UNS S32003 electrodes** also exhibit high toughness, maintaining strength even in sub-zero and high-temperature environments, which makes them indispensable for projects where safety and long-term durability are paramount.

The demand for **ASTM A240 Grade 320LR electrodes** continues to grow due to their proven track record in resisting pitting, crevice corrosion, and stress corrosion cracking. These features are especially valuable in chloride-bearing environments and aggressive industrial atmospheres. Metals And Welding Specialities ensures that every batch undergoes rigorous quality checks, conforming to the highest welding consumable standards. The result is a product that not only meets but exceeds customer expectations across a wide spectrum of industries.

Choosing **E320LR-16 Welding Electrodes** from Metals And Welding Specialities means investing in a solution that balances performance, quality, and value. Whether you are constructing new equipment, repairing existing structures, or performing maintenance in critical service areas, these electrodes deliver unmatched reliability. Their compliance with **ASTM A240 Grade 320LR** and **UNS S32003 universal standards** ensures global acceptance, making them a preferred choice for clients worldwide. At Metals And Welding Specialities, we believe in creating welding solutions that support progress, safety, and innovation. The **E320LR-16 Welding Electrodes** embody these values by offering durability, resistance, and high-quality welds that stand the test of time.



E320LR-16 Welding Electrodes in India, E320LR-16 Welding Electrodes Manufacturers in India, E320LR-16 Welding Electrodes Suppliers in India, E320LR-16 Welding Electrodes Stockists in India, E320LR-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 **E320LR-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' **E320LR-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.

Classification	AWS A5.4, E320LR-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, E320LR-16 Coated Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of E320LR-16 Welding Electrodes



Class	UNS	Oxford Alloys
E320LR-16	W30813	Alloy 320LR-16

E320LR-16 Welding Electrodes Chemical Composition



C	Cr	Ni	Mo	Nb + Ta	Mn	Si	P	S	Cu
0.03	19.0-21.0	32.0-36.0	2.0-3.0	8 X C, min to 0.40 max	1.50-2.50	0.30	0.02	0.015	3.0-4.0

E320LR-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 Class E320LR-16 electrodes, ASTM A240 Grade 320LR electrodes, UNS S32003 welding rods, stainless steel 320LR electrodes, E320LR-16 welding electrodes, ASTM A240 S32003 rods, UNS S32003 coated electrodes, low carbon stainless steel electrodes, AWS coated welding electrodes, Metals And Welding Specialities welding consumables, stainless steel welding electrodes E320LR-16, corrosion resistant electrodes UNS S32003, ASTM 320LR stainless electrodes, AWS E320LR welding rods, UNS S32003 electrodes suppliers, ASTM Grade 320LR welding rods, E320LR-16 stick electrodes, stainless steel 320LR UNS S32003, welding consumables Metals And Welding Specialities, AWS A5.4 E320LR-16 electrodes, stainless welding rods UNS S32003, ASTM 320LR coated rods, welding electrodes UNS 32003, E320LR-16 stainless welding electrodes, AWS 320LR stainless electrodes, ASTM Grade 320LR coated electrodes, UNS 32003 stick electrodes, AWS Class E320LR stainless rods, Metals And Welding Specialities AWS electrodes, stainless UNS S32003 rods, ASTM A240 Grade 320LR stainless rods, E320LR-16 stainless steel welding consumables, AWS A5.4 electrodes UNS S32003, Metals And Welding Specialities 320LR electrodes, stainless rods ASTM A240 Grade 320LR, UNS S32003 welding consumables.