

Metals And Welding Specialities is a trusted supplier of **E2209-16 Welding Electrodes**, designed to provide superior welding performance for duplex stainless steels. These electrodes are manufactured to meet the stringent requirements of **ASTM A240** standards and conform to **UNS S32205**, ensuring excellent durability and reliability in demanding environments. With a balanced microstructure of austenite and ferrite, E2209-16 electrodes deliver outstanding mechanical strength, excellent corrosion resistance, and high toughness, making them the preferred choice for industries where reliability is critical.



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The **AWS Class E2209-16** electrodes are engineered to weld duplex stainless steels and dissimilar steels while maintaining superior resistance against stress corrosion cracking, pitting, and crevice corrosion. Metals And Welding Specialities ensures that these electrodes provide exceptional weldability with minimal spatter and smooth bead appearance, ensuring strong and clean joints. Designed in accordance with **UNS S32205** specifications, they maintain metallurgical stability under elevated temperatures and deliver consistent results in high-pressure and high-temperature conditions.



E2209-16 Welding Electrodes, E2209-16 Welding Electrodes Manufacturers, E2209-16 Welding Electrodes Suppliers, E2209-16 Welding Electrodes Stockists, E2209-16 Welding Electrodes Exporters

Applications of **E2209-16 Coated Electrodes** extend to critical sectors such as petrochemical plants, oil and gas refineries, chemical processing, marine equipment, desalination plants, and power generation facilities. The dual-phase structure enhances strength and fatigue resistance, making it ideal for heavy-duty fabrication and maintenance work. Additionally, industries rely on Metals And Welding Specialities for precision-quality electrodes that meet **ASTM A240** requirements and align with universal welding standards worldwide.

By using **Metals And Welding Specialities AWS Class E2209-16 electrodes**, manufacturers benefit from strong arc stability, superior slag removal, and high deposition efficiency. Their unique composition ensures optimum resistance to intergranular corrosion and chloride-induced cracking. These electrodes are widely recognized for their ability to maintain integrity even in aggressive service conditions where chloride-rich or acidic environments are present.



E2209-16 Welding Electrodes in India, E2209-16 Welding Electrodes Manufacturers in India, E2209-16 Welding Electrodes Suppliers in India, E2209-16 Welding Electrodes Stockists in India, E2209-16 Welding Electrodes Exporters in India

As a global supplier, Metals And Welding Specialities prioritizes quality and consistency, offering **UNS S32205 coated electrodes** that meet both national and international standards. Customers can rely on our advanced production processes and strict quality control to ensure every electrode performs reliably. Whether for critical pipeline welding, offshore structures, or chemical tanks, our **E2209-16 Welding Electrodes** guarantee long-lasting performance and compliance with **ASTM A240** standards. Metals And Welding Specialities continues to serve diverse industries by providing welding consumables that deliver not just performance, but also peace of mind. With superior strength, corrosion resistance, and consistent weld quality, **AWS E2209-16 electrodes** remain a benchmark in duplex stainless steel welding applications.

Specification E2209-16 Welding Electrodes



Classification	AWS A5.4, E2209-16
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, E2209-16 Coated Electrodes Application & uses

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

Equivalent Grade Of E2209-16 Welding Electrodes



Class	UNS	Oxford Alloys	BOHLER	SANDVIK
E2209-16	W39209	Alloy 2209-16	BOHLER AVESTA 2205-PW AC-DC (E2209-17)	EXATON 22.9.3.LR (2209-17)

E2209-16 Welding Electrodes Chemical Composition



C	Mn	Si	Cr	Ni	Mo	S	P	Cu	N
0.04	0.5-	1.0	21.5-	8.5-	2.5-	0.03	0.04	0.75	0.08-
max	2.0	max	23.5	10.5	3.5	max	max	max	0.20

E2209-16 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

ASTM A240 UNS S32205, AWS A5.4 E2209-16, ASTM A240 S31803, ASTM A240 UNS S32750, ASTM A240 UNS S32760, ASTM A240 UNS S31254, ASTM A240 UNS S32101, ASTM A240 UNS S32304, ASTM A240 UNS S32520, ASTM A240 UNS S32550,

ASTM A240 UNS S32707, ASTM A240 UNS S32900, ASTM A240 UNS S22253, ASTM A240 UNS S32501, ASTM A240 UNS S32615, ASTM A240 UNS S32003, ASTM A240 UNS S32001, ASTM A240 UNS S31600, ASTM A240 UNS S31603, ASTM A240 UNS S30400, ASTM A240 UNS S30403, ASTM A240 UNS N08904, ASTM A240 UNS N08367, ASTM A240 UNS N08926, ASTM A240 UNS N08825, ASTM A240 UNS N06625, ASTM A240 UNS N10276, ASTM A240 UNS N06022, ASTM A240 UNS N04400, ASTM A240 UNS N05500, ASTM A240 UNS N08810, ASTM A240 UNS N08811, ASTM A240 UNS N07718, ASTM A240 UNS R56400, ASTM A240 UNS R30188.