

The **E9015-B9 Welding Electrodes** from Metals And Welding Specialities are engineered for high-performance welding applications that demand superior strength, heat resistance, and long-term stability under severe service conditions. These electrodes are formulated to deposit a low-hydrogen weld metal specifically designed for the fabrication and repair of creep-resistant steels used in high-temperature and high-pressure environments. Classified under UNS K90941 and conforming to ASTM A213 Grade T9 / ASTM A335 Grade P9, this electrode meets stringent industry standards for quality and durability.



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Designed for use in power generation plants, petrochemical industries, and refineries, **E9015-B9 Welding Electrodes** deliver consistent results when joining 9Cr-1Mo alloy steels. These materials are widely used in steam pipes, headers, boilers, and heat exchangers where oxidation and corrosion resistance at elevated temperatures are crucial. The weld deposit provides excellent toughness and high creep strength, maintaining structural integrity even after prolonged exposure to extreme conditions.



E9015-B9 Welding Electrodes, E9015-B9 Welding Electrodes Manufacturers, E9015-B9 Welding Electrodes Suppliers, E9015-B9 Welding Electrodes Stockists, E9015-B9 Welding Electrodes Exporters

The **Metals And Welding Specialities** E9015-B9 electrodes exhibit a stable arc with smooth metal transfer and minimal spatter, ensuring clean, defect-free welds. Their special low-hydrogen coating reduces the risk of hydrogen-induced cracking and ensures superior weld metal integrity. The slag is easily removable, contributing to efficient welding operations and higher productivity. These electrodes are particularly suitable for out-of-position welding, making them versatile and reliable for field or shop applications.

For welders working on alloy steels like A182 F9, A199 T9, and similar grades, these electrodes provide exceptional metallurgical compatibility and mechanical properties. The weld metal exhibits tensile strength up to 620 MPa and excellent impact toughness, ensuring reliable performance in demanding service conditions. When properly heat-treated, the deposited weld metal matches the creep strength and ductility of the base metal, which is critical for long-term service reliability in pressure vessel and power plant applications.



E9015-B9 Welding Electrodes in India, E9015-B9 Welding Electrodes Manufacturers in India, E9015-B9 Welding Electrodes Suppliers in India, E9015-B9 Welding Electrodes Stockists in India, E9015-B9 Welding Electrodes Exporters in India

All **Metals And Welding Specialities** welding consumables, including the AWS Class E9015-B9 electrodes, are manufactured using premium raw materials and undergo rigorous quality control. Each batch is tested to ensure compliance with AWS A5.5 / ASME SFA-5.5 specifications and international welding standards. Our electrodes are packed to maintain low moisture content, guaranteeing consistent performance even in challenging field conditions.

Choosing **Metals And Welding Specialities E9015-B9 Coated Electrodes** means choosing a product that offers stable arc performance, excellent weld bead appearance, and superior mechanical integrity under thermal stress. Whether used in fabrication, repair, or maintenance, these electrodes are trusted by professionals for their dependability and consistent results in high-temperature service applications.

Specification E9015-B9 Welding Electrodes



Classification	AWS A5.5, E9015-B9
Form	Welding Electrode, Welding Rods
Type Of Current	Direct Current Electrode Positive (DCEP)
Diameters	3/32", 1/8", 5/32", 3/16" or 2.5mm, Ø 3.2mm, Ø 4.0mm, Ø 5.0mm
Size	2.0mm ∞ 5.0mm
AC/DC+	50-80, 80-110, 100-135, 140-180

Welding Positions	All positions 5/32" & 3/16" recommended for use in flat & horizontal positions only (F, V, OH, H)
AWS A5.5, E9015-B9 Coated Electrodes Application & uses	<ul style="list-style-type: none"> Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of E9015-B9 Welding Electrodes



Class	UNS	Oxford Alloys	BOHLER
E9015-B9	W50425	Alloy 9015-B9	BOHLER FOX C 9 MV

E9015-B9 Welding Electrodes Chemical Composition



C	Mn	Si	Cr	Ni	Mo	P	S	N	Cb	Cu	V
.09	.97	.20	9.5	.10	.95	.01	.01	.05	.04	.01	.21

E9015-B9 Welding Electrodes Parameters



DIAMETER	3/32"	1/8"	5/32"	3/16"
AMPS				
-FLAT	90-110	120-145	155-190	200-235
-OUT OF POSITION	80-105	100-130	145-180	
VOLTAGE	22 TO 28	22 TO 28	22 TO 28	22 TO 28

People Also Searched

E9015-B9 welding rod, AWS A5.5 E9015-B9, ASME SFA-5.5 E9015-B9, E9015-B9 electrode specification, 9Cr-1Mo welding electrode, P9 steel electrode, T9 tube welding rod, UNS K90941 filler metal, ASTM A213 T9 welding electrode, ASTM A335 P9 rod, 9Cr-1Mo electrode supplier, high-temperature alloy steel electrodes, creep-resistant welding rods, low hydrogen electrode for Cr-Mo steel, E9015-B9 mechanical properties, E9015-B9 chemical composition, power plant welding rods, boiler tube welding electrode, refinery weld consumables, Cr-Mo welding filler, E9015-B9 weldability, E9015-B9 rod price, Metals And Welding

Specialities electrodes, alloy steel welding consumables, P9 welding electrode, 9Cr1Mo electrode for pressure vessels, E9015-B9 heat treatment, E9015-B9 hardness, E9015-B9 welding parameters, high-strength steel electrode, E9015-B9 vs E8018-B2, AWS E9015-B9 data sheet, E9015-B9 welding current, E9015-B9 applications, ASTM Grade P9 filler metal, UNS K90941 electrode manufacturer, 9Cr-1Mo alloy filler rod, E9015-B9 rod supplier India.