

Metals And Welding Specialities is a trusted manufacturer and supplier of high-quality **ENiCrFe-2 Welding Electrodes**, widely recognized for their superior performance and durability in challenging environments. These electrodes, classified under **UNS W86112** and standardized by **ASTM A5.11**, are specifically developed for welding applications where nickel-chromium-iron alloys are involved. With a unique metallurgical composition, ENiCrFe-2 electrodes are ideal for welding dissimilar metals and for overlaying applications where high resistance to heat, oxidation, and corrosion is essential.



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The **ENiCrFe-2 electrodes** are designed to deliver stable arcs and smooth weld beads, minimizing spatter and ensuring reliable joint strength. Industries such as chemical processing, oil and gas, marine engineering, power generation, and petrochemicals rely heavily on these electrodes because of their ability to maintain mechanical integrity under high temperatures and corrosive environments. By adhering to international standards like **ASTM A5.11**, Metals And Welding Specialities guarantees consistent quality and performance, making these electrodes a preferred choice for engineers and fabricators across the globe.



ENiCrFe-2 Welding Electrodes, ENiCrFe-2 Welding Electrodes Manufacturers, ENiCrFe-2 Welding Electrodes Suppliers, ENiCrFe-2 Welding Electrodes Stockists, ENiCrFe-2 Welding Electrodes Exporters

A key advantage of **UNS W86112 electrodes** lies in their resistance to cracking, which is critical in welding dissimilar metals, especially between stainless steel, nickel-based alloys, and carbon steels. These electrodes ensure a metallurgical bond that prevents joint failures even under thermal cycling and extreme operating pressures. Furthermore, their superior weldability allows operators to achieve precision in fabrication projects, enhancing productivity and reducing downtime in maintenance operations. Metals And Welding Specialities manufactures **ENiCrFe-2 Welding Electrodes** under stringent quality control processes, ensuring they meet universal welding standards. The electrodes are supplied in different sizes and packaging options to meet varied industrial requirements. Their versatility extends to repair and maintenance of alloy steels and joining cast irons to stainless steels, showcasing their adaptability across multiple engineering domains.



ENiCrFe-2 Welding Electrodes in India, ENiCrFe-2 Welding Electrodes Manufacturers in India, ENiCrFe-2 Welding Electrodes Suppliers in India, ENiCrFe-2 Welding Electrodes Stockists in India, ENiCrFe-2 Welding Electrodes Exporters in India

When selecting **ENiCrFe-2 electrodes**, industries benefit from properties such as outstanding creep strength, resistance to pitting, stress corrosion cracking, and overall metallurgical stability. These attributes make UNS W86112 electrodes a dependable solution for welding operations where reliability cannot be compromised. With Metals And Welding Specialities' expertise in manufacturing, clients can be confident that they are investing in electrodes that meet the highest standards of performance and longevity.

Metals And Welding Specialities stands committed to delivering unmatched quality in **ASTM A5.11 ENiCrFe-2 Welding Electrodes**, with customer satisfaction at the forefront. By combining advanced technology, industry expertise, and compliance with global standards, the company continues to be a leading supplier trusted worldwide.

### Specification AWS Class ENiCrFe-2 Welding Electrodes



<b>Classification</b>	<b>AWS A5.11, A5.1, ENiCrFe-2</b>
<b>Form</b>	Welding Electrode, Welding Rods
<b>Type Of Current</b>	Direct Current Electrode Positive (DCEP)
<b>Diameters</b>	3/32", 1/8", 5/32", 3/16" or 2.5mm, Ø 3.2mm, Ø 4.0mm, Ø 5.0mm
<b>Size</b>	2.0mm ∞ 5.0mm
<b>AC/DC+</b>	50-80, 80-110, 100-135, 140-180
<b>Welding Positions</b>	All positions 5/32" & 3/16" recommended for use in flat & horizontal positions only (F, V, OH, H)

## Equivalent Grade Of AWS ENiCrFe-2 Welding Electrodes



Class	UNS	Oxford Alloys	Special Metals	BOHLER	UTP	ESAB
ENiCrFe-2	W86133	Alloy A	Incoweld A	BOHLER FOX NIBAS 70/20	UTP 7015 MO	OK NICRFE-2

## AWS Class ENiCrFe-2 Welding Electrodes Chemical Composition



C	Mn	Fe	P	S	Si	Cu	Ni	Cr	Nb+Ta	Mo	Other
0.10	1.0-3.5	12.0	0.03	0.02	0.75	0.50	62.0	13.0-17.0	0.5-3.0	0.5-2.5	0.50

## AWS Class ENiCrFe-2 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

ENiCrFe-2 electrodes ASTM A5.11, UNS W86112 welding rods, ENiCrFe-2 nickel alloy electrodes, UNS W86112 filler metal, ENiCrFe-2 electrode supplier, ENiCrFe-2 welding rod price, Metals And Welding Specialities ENiCrFe-2, ENiCrFe-2 stick electrodes, nickel chromium iron welding electrodes, ENiCrFe-2 for dissimilar welding, ASTM A5.11 ENiCrFe-2 electrodes, UNS W86112 electrode equivalent, ENiCrFe-2 rod chemical composition, nickel alloy welding rods, ENiCrFe-2 overlay electrodes, ENiCrFe-2 corrosion resistant electrodes, ENiCrFe-2 welding electrodes mechanical properties, ENiCrFe-2 UNS W86112 standard, ASTM A5.11 welding rods, ENiCrFe-2 for stainless to carbon steel, ENiCrFe-2 welding electrode applications, nickel-based electrodes UNS W86112, ENiCrFe-2 welding electrode hardness, ENiCrFe-2 high temperature electrodes, ENiCrFe-2 electrode density, ENiCrFe-2 rod manufacturer, ENiCrFe-2 welding rods distributor, Metals And Welding Specialities welding electrodes, ENiCrFe-2 arc welding electrodes, ENiCrFe-2 rod for chemical industry, UNS W86112 electrode suppliers, ENiCrFe-2 nickel welding rods,

ASTM A5.11 coated electrodes, ENiCrFe-2 welding rods India, ENiCrFe-2 welding rod specification, ENiCrFe-2 electrodes for oil & gas, UNS W86112 filler electrodes, ENiCrFe-2 repair welding rods.