

The **HAYNES C-22/122 Welding Electrodes** offered by **Metals And Welding Specialities** are premium-quality welding consumables designed for critical applications requiring exceptional corrosion resistance and mechanical integrity. These electrodes are formulated to deposit a nickel-chromium-molybdenum alloy, engineered to deliver outstanding performance in oxidizing and reducing environments. Classified under **UNS N06022** and conforming to **ASTM B575** and **AWS A5.11 ENiCrMo-10** standards, these electrodes are known for their superior metallurgical stability, versatility, and reliability in demanding service conditions.



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Developed for industries that face aggressive chemical exposure, **HAYNES C-22/122 Welding Electrodes** ensure consistent weld quality in environments containing oxidizing acids, wet chlorine, and media contaminated with ferric and cupric chlorides. The weld metal composition provides excellent resistance to pitting, crevice corrosion, and stress corrosion cracking, even in mixed acid environments where conventional alloys often fail. **Metals And Welding Specialities** supplies these electrodes with precision

coating technology, guaranteeing a smooth arc, low spatter formation, and easy slag removal for cleaner and more efficient welding operations.



HAYNES C-22/122 Welding Electrodes, HAYNES C-22/122 Welding Electrodes Manufacturers, HAYNES C-22/122 Welding Electrodes Suppliers, HAYNES C-22/122 Welding Electrodes Stockists, HAYNES C-22/122 Welding Electrodes Exporters

These electrodes are widely used in the fabrication of components for chemical process equipment, marine systems, pharmaceutical manufacturing, and flue gas scrubbers. The **HAYNES C-22/122** alloy's high molybdenum and tungsten content strengthens its defense against localized attack, while the balanced chromium content enhances its resistance to oxidizing agents. The nickel base provides superior ductility and toughness across a wide range of temperatures, making it suitable for both elevated temperature and cryogenic service.

Welders choose **HAYNES C-22/122 Welding Electrodes** from **Metals And Welding Specialities** for their consistent performance and dependable results on base materials such as Alloy 22, Alloy 625, and other high-nickel alloys. Their exceptional versatility allows for joining dissimilar metals and overlaying steel surfaces exposed to corrosive environments. The alloy's composition minimizes the risk of weld defects, porosity, and post-weld cracking, ensuring long service life of welded components in harsh industrial conditions.



HAYNES C-22/122 Welding Electrodes in India, HAYNES C-22/122 Welding Electrodes Manufacturers in India, HAYNES C-22/122 Welding Electrodes Suppliers in India, HAYNES C-22/122 Welding Electrodes Stockists in India, HAYNES C-22/122 Welding Electrodes Exporters in India

As a trusted supplier, **Metals And Welding Specialities** maintains strict quality standards in manufacturing and packaging these electrodes. Each batch undergoes thorough testing to ensure conformity with international specifications and mechanical requirements. Whether used in maintenance welding, repair applications, or fabrication of new equipment, these electrodes consistently deliver smooth weld beads and strong metallurgical bonding.

When selecting electrodes for environments involving chemical exposure or mixed oxidizing-reducing conditions, **HAYNES C-22/122 Welding Electrodes** stand out as the reliable choice. They embody the high performance and quality assurance that **Metals And Welding Specialities** is known for worldwide.

Specification HAYNES C-22/122 Welding Electrodes



Classification	AWS A5.11, ENiCrMo-10
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)
HAYNES C-22/122 Welding 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 HAYNES C-22/122 Welding Electrodes



Class	UNS	Haynes
ENiCrMo-10	W860675	HAYNES® C-22®/122

HAYNES C-22/122 Welding Electrodes Chemical Composition



Nickel:	Balance
Molybdenum:	15.0-17.0
Chromium:	14.5-16.5
Iron:	4.0-7.0
Tungsten:	3.0-4.5
Cobalt:	2.5 max.
Manganese:	1.0 max.
Copper:	0.50 max.
Other:	0.50 max.
Vanadium:	0.35 max.
Silicon:	0.20 max.
Carbon:	0.02 max.
Sulfur:	0.03 max.
Phosphorus:	0.04 max.

People Also Searched

Hastelloy C-22 electrodes, Alloy C-22 welding rods, UNS N06022 electrodes, ENiCrMo-10 electrodes, ASTM B575 rods, nickel-chromium-molybdenum electrodes, corrosion-resistant electrodes, chemical process welding alloy, nickel alloy welding electrodes, HAYNES C-22 filler metal, HAYNES C-22 TIG wire, C-22 SMAW electrodes, Hastelloy welding consumables, C-22 overlay welding, HAYNES 122 coated rods, Alloy 22 welding electrodes, high-performance welding electrodes, C-22 electrode suppliers, marine corrosion welding rods, HAYNES C-22 nickel rods, chemical equipment welding alloy, C-22 electrode price, heat-resistant nickel alloy electrodes, ENiCrMo-10 welding consumables, nickel-based superalloy electrodes, UNS N06022 welding wire, C-22 filler metal properties, C-22 AWS A5.11 classification, nickel-molybdenum electrodes, chemical industry welding materials, alloy 22 welding applications, nickel alloy repair electrodes, oxidation-resistant electrodes, industrial welding electrodes, HAYNES alloy electrodes.