

At Metals And Welding Specialities, we manufacture and supply premium-quality **Hastelloy C-276 Welding Electrodes** designed to deliver exceptional corrosion resistance and superior mechanical performance in the most demanding environments. Our electrodes are engineered to meet international quality standards and are suitable for critical applications where reliability and durability are non-negotiable. Classified under UNS N10276 and conforming to ASTM B622 / B626 Grade C-276, these electrodes are recognized globally as the industry benchmark for welding high-performance nickel-molybdenum-chromium alloys.



Table Of Content

- [What is Hastelloy C-276 Welding Electrodes?](#)
- [Specification of Hastelloy C-276 Welding Electrodes](#)
- [Equivalent Grade Of Hastelloy C-276 Welding Electrodes](#)
- [Chemical Composition of Hastelloy C-276 Welding Electrodes](#)
- [Hastelloy C-276 Welding Electrodes Parameters](#)
- [People Searched for Hastelloy C-276 Welding Electrodes](#)
- [Supply Cities of Hastelloy C-276 Welding Electrodes](#)
- [Export Countries of Hastelloy C-276 Welding Electrodes](#)

The **Hastelloy C-276 Welding Electrodes** from Metals And Welding Specialities are ideal for joining and overlaying similar alloy materials. They provide outstanding resistance to strong oxidizers, reducing agents, and a wide range of chemical media including ferric and cupric chlorides, hot contaminated mineral acids, chlorine gas, and organic solvents. This makes them indispensable in industries such as chemical processing, marine engineering, pollution control, and power generation, where harsh operating conditions are a daily reality.



Hastelloy C-276 Welding Electrodes, Hastelloy C-276 Welding Electrodes Manufacturers, Hastelloy C-276 Welding Electrodes Suppliers, Hastelloy C-276 Welding Electrodes Stockists, Hastelloy C-276 Welding Electrodes Exporters

Each electrode is manufactured with a precision coating that ensures smooth arc stability, minimal spatter, and excellent slag detachability. The weld metal produced offers high tensile strength and resistance to localized corrosion such as pitting and crevice attack. In addition, **Hastelloy C-276 Welding Electrodes** demonstrate outstanding resistance to stress corrosion cracking, even under severe thermal and mechanical stresses. These properties make them the preferred choice for fabricating equipment like scrubbers, ducting, reaction vessels, evaporators, and heat exchangers exposed to aggressive environments.

The chemical composition of the electrode core and coating is carefully balanced to maintain optimal weldability while preserving the alloy's corrosion-resistant characteristics. Nickel, molybdenum, and chromium form the backbone of the alloy's strength, while tungsten enhances its overall stability in oxidizing and reducing zones. This unique combination allows for excellent metallurgical integrity in both overlay and joining applications. Metals And Welding Specialities ensures every batch undergoes stringent quality testing and complies with AWS A5.11 ENiCrMo-4, guaranteeing consistent performance and long-term reliability.



Hastelloy C-276 Welding Electrodes in India, Hastelloy C-276 Welding Electrodes Manufacturers in India, Hastelloy C-276 Welding Electrodes Suppliers in India, Hastelloy C-276 Welding Electrodes Stockists in India, Hastelloy C-276 Welding Electrodes Exporters in India

Our **Hastelloy C-276 Welding Electrodes** are available in various diameters to suit different welding needs and processes. They can be used in both manual metal arc welding (MMAW) and shielded metal arc welding (SMAW) operations. Whether it's a complex fabrication or a repair task, these electrodes provide the durability and precision demanded by high-temperature and corrosive environments.

As a trusted manufacturer and exporter, Metals And Welding Specialities is dedicated to delivering products that meet global standards and exceed client expectations. Our focus on innovation, quality assurance, and customer satisfaction has made us a reliable name in the welding industry. When you choose Hastelloy C-276 Welding Electrodes from Metals And Welding Specialities, you choose performance that lasts, precision you can count on, and corrosion resistance that defines excellence.

Specification Hastelloy C-276 Welding Electrodes



Classification	AWS A5.11, ENiCrMo-17
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)
Hastelloy C-276 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 Hastelloy C-276 Welding Electrodes



Class	UNS	Haynes
ENiCrMo-17	W860675	HASTELLOY® C-276

Hastelloy C-276 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-276 electrodes price, Hastelloy C-276 welding rods, UNS N10276 electrodes, ASTM B622 Grade C-276 welding wire, ENiCrMo-4 electrodes, Hastelloy C-276 filler metal, nickel alloy coated electrodes, Hastelloy welding consumables, corrosion-resistant welding electrodes, Hastelloy C-276 SMAW rods, chemical process welding electrodes, nickel-molybdenum-chromium electrodes, Hastelloy overlay electrodes, high-temperature welding electrodes, marine-grade welding electrodes, Hastelloy C-276 suppliers, Metals And Welding Specialities Hastelloy products, alloy C-276 electrode specifications, industrial welding rods, Hastelloy electrode manufacturers, C-276 electrode chemical composition, Hastelloy electrode applications, AWS A5.11 ENiCrMo-4 electrodes, Hastelloy welding repair electrodes, acid-resistant welding electrodes, nickel alloy welding rods, superalloy electrodes, Hastelloy C-276 TIG filler, corrosion-resistant weld overlay rods, high-performance welding electrodes, Hastelloy C-276 mechanical properties, UNS N10276 chemical composition, alloy C-276 welding guide, Hastelloy C-276 fabrication materials, Metals And Welding Specialities electrode exporter, premium nickel alloy electrodes, C-276 electrode datasheet.