At Metals And Welding Specialities, we manufacture and supply high-quality **Hastelloy G-30 Welding Electrodes** designed to deliver superior performance in the most demanding chemical and industrial environments. These electrodes are engineered for exceptional resistance to oxidizing acids and other highly corrosive chemical conditions. Classified under UNS N06030, ASTM B582, and the Universal Standard Hastelloy G-30, this alloy is recognized for its outstanding ability to withstand harsh oxidizing media such as nitric acid and mixtures containing ferric or cupric ions.

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Our **Hastelloy G-30 Welding Electrodes** are widely used across industries including chemical processing, fertilizer production, pollution control, and industrial waste treatment. The advanced coating formulation ensures smooth arc stability, low spatter loss, and a clean weld finish, even when operating under challenging conditions. These electrodes maintain high mechanical integrity and corrosion resistance in environments rich in phosphoric and sulfuric acids, making them the preferred choice for fabricating chemical reactors, heat exchangers, and evaporators.

Hastelloy G-30 Welding Electrodes, Hastelloy G-30 Welding Electrodes Manufacturers, Hastelloy G-30 Welding Electrodes Suppliers, Hastelloy G-30 Welding Electrodes Stockists, Hastelloy G-30 Welding Electrodes Exporters

What sets **Hastelloy G-30 Welding Electrodes** apart is their unique nickel-chromium-iron base alloy, which includes carefully balanced additions of molybdenum and copper to enhance resistance against strong oxidizing agents. The result is a versatile electrode that performs exceptionally well in both oxidizing and moderately reducing chemical atmospheres. In comparison to standard nickel-based alloys, Hastelloy G-30 offers improved resistance to localized corrosion phenomena such as pitting and crevice attack, ensuring long-term service life and reduced maintenance costs.

Metals And Welding Specialities adheres to strict quality control standards to guarantee that every batch of **Hastelloy G-30 Electrodes** meets international welding and metallurgical specifications. Our electrodes are manufactured using advanced production techniques that ensure consistent coating adhesion, moisture resistance, and superior arc performance. These properties make them ideal for overlaying and joining similar or dissimilar materials in critical process equipment where both mechanical strength and corrosion resistance are crucial.

Hastelloy G-30 Welding Electrodes in India, Hastelloy G-30 Welding Electrodes Manufacturers in India, Hastelloy G-30 Welding Electrodes Suppliers in India, Hastelloy G-30 Welding Electrodes Stockists in India, Hastelloy G-30 Welding Electrodes Exporters in India

The combination of nickel, chromium, iron, and molybdenum provides these electrodes with excellent weldability and metallurgical stability. The deposited weld metal exhibits fine-grained microstructures with minimal cracking tendencies, even after prolonged exposure to aggressive chemical solutions. Whether used for maintenance welding, fabrication, or surface cladding, **Hastelloy G-30 Welding Electrodes** from Metals And Welding Specialities deliver unmatched reliability and performance. As a trusted manufacturer and supplier, Metals And Welding Specialities ensures global availability of this product in various diameters and packaging options to suit different welding processes. Our commitment to quality, precision, and customer satisfaction has made us a preferred partner for clients seeking durable and corrosion-resistant welding solutions that meet international standards and performance expectations.

Specification Hastelloy G-30 Welding Electrodes

Classification	**AWS A5.11, ENiCrMo-11**
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 G-30 Welding Electrodes Application & uses	Petroleum Chemical plant Power sector Gas Industry Hardware tools Metallurgy Machinery Construction Shipbuilding

Equivalent Grade Of Hastelloy G-30 Welding Electrodes

Class	UNS	Haynes
ENiCrMo-11	W86030	HASTELLOY® G-30®

Hastelloy G-30 Welding Electrodes Chemical Composition

Nickel:	Balance
Chromium:	28.0-31.5
Iron:	13.0-17.0
Molybdenum:	4.0-6.0
Tungsten:	1.5-4.0
Copper:	1.0-2.4
Niobium + Tantalum	0.3-1.5
Cobalt:	5.0 max.
Manganese:	1.5 max.
Silicon:	1.0 max.
Carbon:	0.03 max.
Phosphorus:	0.04 max.
Sulfur:	0.02 max.
Other:	0.50 max.

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Hastelloy G-30 electrodes, UNS N06030 welding rods, ASTM B582 electrodes, nickel-chromium-molybdenum electrodes, Hastelloy G-30 filler metal, Hastelloy G-30 welding wire, corrosion-resistant electrodes, oxidizing acid resistant alloy, Hastelloy G-30 chemical composition, nickel alloy welding electrodes, Hastelloy G-30 overlay welding, Hastelloy G-30 TIG rods, Hastelloy G-30 MIG wire, Hastelloy G-30 electrode supplier, Hastelloy G-30 electrode manufacturer, Hastelloy G-30 price, Hastelloy G-30 material properties, Hastelloy G-30 density, Hastelloy G-30 hardness, Hastelloy G-30 applications, Hastelloy G-30 chemical industries, Hastelloy G-30 welding parameters, nickel alloy electrodes India, Metals And Welding Specialities Hastelloy products, Hastelloy G-30 corrosion data, Hastelloy G-30 vs G-35, Hastelloy G-30 electrode specification, Hastelloy G-30 rods for nitric acid, Hastelloy G-30 arc stability, Hastelloy G-30 for heat exchangers, Hastelloy G-30 weld metal properties, Hastelloy G-30 electrodes exporters, Hastelloy G-30 welding current range, Hastelloy G-30 electrode coating type, Hastelloy G-30 chemical resistance, Hastelloy G-30 base material compatibility, Hastelloy G-30 electrodes for chemical plants, Hastelloy G-30 standard specifications.