

The **UTP A 2535NB MIG & TIG Welding Wire** welding wire from **Metals And Welding Specialities** is a top-tier solution for precision welding applications that demand exceptional corrosion resistance and mechanical integrity. This high-performance filler metal is engineered for use in both **MIG (Metal Inert Gas)** and **TIG (Tungsten Inert Gas)** welding, offering outstanding results in joining dissimilar metals, overlay cladding, and repair welding. Classified under the **UNS N06025** designation and corresponding to **ASTM Grade ERNiCrMo-3**, this alloy meets the highest international standards for nickel-chromium-molybdenum welding consumables.



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Designed for reliability under extreme conditions, **UTP A 2535NB** provides a stable arc, smooth weld bead formation, and minimal spatter – attributes that make it a preferred choice among welding professionals working with **Inconel, Hastelloy, and similar nickel alloys**. Its universal standard name, **EN ISO 18274: S Ni 6625 (NiCr22Mo9Nb)**, ensures compatibility across global welding practices and specifications. This filler wire is especially effective in joining alloys exposed to high temperatures, reducing environments, and corrosive chemical conditions, such as in the petrochemical, marine, and aerospace sectors.



UTP A 2535NB MIG & TIG Welding Wire, UTP A 2535NB MIG & TIG Welding Wire Manufacturers, UTP A 2535NB MIG & TIG Welding Wire Suppliers, UTP A 2535NB MIG & TIG Welding Wire Stockists, UTP A 2535NB MIG & TIG Welding Wire Exporters

One of the defining advantages of the **UTP A 2535NB MIG & TIG Welding Wire** wire is its resistance to intergranular corrosion and stress cracking. Its optimized chemical composition enhances performance in both oxidizing and reducing environments, maintaining weld strength and integrity even after prolonged exposure to harsh operating conditions. The addition of niobium (Nb) stabilizes the structure, preventing carbide precipitation during thermal cycling – a key factor for ensuring long-term durability in demanding service environments.

For industries where precision and consistency are non-negotiable, **UTP A 2535NB** delivers unmatched weld quality with superior metallurgical bonding. Its excellent wetting characteristics promote smooth transitions between weld passes, reducing post-weld finishing requirements. Whether used for process piping, pressure vessels, or heat exchanger fabrication, this wire ensures dependable results every time. The wire's versatility extends to maintenance welding, where it performs equally well on worn components requiring overlay protection or dimensional restoration.



UTP A 2535NB MIG & TIG Welding Wire in India, UTP A 2535NB MIG & TIG Welding Wire Manufacturers in India, UTP A 2535NB MIG & TIG Welding Wire Suppliers in India, UTP A 2535NB MIG & TIG Welding Wire Stockists in India, UTP A 2535NB MIG & TIG Welding Wire Exporters in India

As part of the **Metals And Welding Specialities** premium product line, this welding wire is manufactured under strict quality controls to ensure purity, consistency, and traceability. Every spool is precision-wound for smooth feeding, ensuring optimum wire delivery in automated and manual welding systems alike. Trusted by professionals worldwide, **UTP A 2535NB MIG & TIG Welding Wire** sets a benchmark for weld integrity, corrosion resistance, and operational reliability – the qualities that define truly exceptional welding consumables.

### Specification UTP A 2535NB MIG & TIG Welding Wire



<b>Classification</b>	<b>EN ISO 14343-A</b>
<b>Form</b>	MIG spools, TIG cut lengths, Reels and Coils
<b>Type Of Welding</b>	Inert Gas Welding
<b>Standard TIG straight lengths are available</b>	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

## UTP A 2535NB MIG & TIG Welding Wire Filler Metal Application & uses

Hardware tools  
Metallurgy  
Machinery  
Construction  
Shipbuilding  
Petroleum  
Chemical plant  
Power sector  
Gas Industry

## Equivalent Grade Of UTP A 2535NB Welding Electrodes



Class	UNS	Oxford Alloys	DIN
ERNiCrMo-3	UNS N06025	Oxford Alloy 625	2.4831 (NiCr22Mo9Nb)

## UTP A 2535NB MIG & TIG Welding Wire Chemical Composition



C	Si	Mn	Cr	Ni	Nb	Ti	Zr	Fe
0.4	1.0	1.7	25.5	35.5	1.2	+	+	Balance

## UTP A 2535NB MIG & TIG Welding Wire Parameters



Welding Process	Shielding Gas	Polarity	Wire Diameter (mm)	Current (A)	Voltage (V)	Gas Flow (L/min)
MIG (GMAW)	Ar + 2-5% He	DCEP (Direct Current Electrode Positive)	0.8 - 1.2	80 - 220	22 - 30	12 - 16
TIG (GTAW)	Pure Argon (Ar)	DCEP	1.6 - 3.2	60 - 160	10 - 14	8 - 12

## People Also Searched

UTP A 2535NB chemical composition, ERNiCrMo-3 welding wire, UNS N06025 filler metal, nickel alloy MIG wire, TIG nickel wire, UTP A 2535NB datasheet, Inconel 625 welding wire, NiCrMo alloy rod, corrosion-resistant welding wire, UTP A 2535NB specifications, EN ISO 18274 S Ni 6625, high-temperature welding alloy, UTP A 2535NB mechanical properties, UTP A 2535NB equivalent, NiCr22Mo9Nb wire, UTP A 2535NB price, UTP A 2535NB supplier, UTP A 2535NB density, ERNiCrMo-3 wire applications, UTP A 2535NB tensile strength, Inconel filler wire, Hastelloy welding wire, UTP A 2535NB welding parameters, UNS N06025 standard, nickel-based TIG rod, UTP A 2535NB manufacturer, UTP A 2535NB uses, ERNiCrMo-3 composition, welding

wire for chemical plants, UTP A 2535NB corrosion resistance, UTP A 2535NB hardness, nickel-chromium-molybdenum wire, heat-resistant welding filler, high-performance welding consumables, welding wire for marine industry, Ni 6625 wire.