

The **UTP A 3545NB MIG & TIG Welding Wire** welding wire, offered by **Metals And Welding Specialities**, is a high-performance filler material engineered for precision and durability in critical welding applications. Designed for both **MIG (Metal Inert Gas)** and **TIG (Tungsten Inert Gas)** welding processes, this alloy delivers superior results when joining or overlaying corrosion-resistant steels, particularly in chemical, petrochemical, and marine industries. Manufactured to meet the stringent standards of **UNS S35500** and **ASTM A580 Grade 355**, this wire provides consistent mechanical integrity and excellent resistance to oxidation and scaling even at elevated temperatures.



Table Of Content

- [What is UTP A 3545NB MIG & TIG Welding Wire?](#)
- [Specification of UTP A 3545NB MIG & TIG Welding Wire](#)
- [Equivalent Grade Of UTP A 3545NB MIG & TIG Welding Wire](#)
- [Chemical Composition of UTP A 3545NB MIG & TIG Welding Wire](#)
- [UTP A 3545NB MIG & TIG Welding Wire Parameters](#)
- [People Searched for UTP A 3545NB MIG & TIG Welding Wire](#)
- [Supply Cities of UTP A 3545NB MIG & TIG Welding Wire](#)
- [Export Countries of UTP A 3545NB MIG & TIG Welding Wire](#)

The **UTP A 3545NB** filler wire ensures smooth and stable arc performance, reduced spatter formation, and excellent wetting characteristics, making it an ideal choice for both automated and manual welding operations. Its controlled ferrite content enhances toughness and crack resistance, while the balanced composition ensures exceptional weldability on various stainless steel base materials. This wire is particularly suitable for joining austenitic stainless steels of similar composition and can also be used for dissimilar welds where high resistance to corrosion and heat is essential.



UTP A 3545NB MIG & TIG Welding Wire, UTP A 3545NB MIG & TIG Welding Wire Manufacturers, UTP A 3545NB MIG & TIG Welding Wire Suppliers, UTP A 3545NB MIG & TIG Welding Wire Stockists, UTP A 3545NB MIG & TIG Welding Wire Exporters

Every spool of **UTP A 3545NB** undergoes rigorous quality inspection to ensure it meets global welding standards. The wire is produced under strict metallurgical control, guaranteeing a uniform diameter and smooth feeding through standard MIG and TIG equipment. The combination of nickel, chromium, and molybdenum elements provides high strength and stability in aggressive working environments, helping fabricators achieve reliable, defect-free joints.

Professionals across industries rely on this welding wire for applications in **pressure vessels, food processing equipment, piping systems, pharmaceutical machinery, and heat exchangers**. Its superior corrosion resistance against chlorides and acidic media makes it an ideal solution for environments exposed to chemical attack or high moisture. Whether you are performing root passes or overlay cladding, **UTP A 3545NB MIG & TIG Welding Wire** wire ensures unmatched consistency, smooth bead appearance, and long-term performance.



UTP A 3545NB MIG & TIG Welding Wire in India, UTP A 3545NB MIG & TIG Welding Wire Manufacturers in India, UTP A 3545NB MIG & TIG Welding Wire Suppliers in India, UTP A 3545NB MIG & TIG Welding Wire Stockists in India, UTP A 3545NB MIG & TIG Welding Wire Exporters in India

Metals And Welding Specialities is proud to supply authentic **UTP A 3545NB** wire, backed by expert technical support and a commitment to customer satisfaction. Our dedication to precision-engineered welding consumables ensures that every product we deliver enhances productivity, safety, and quality in your operations. With our extensive inventory and industry expertise, you can count on us for dependable supply, timely delivery, and professional guidance in selecting the right welding solutions for your specific requirements.

Specification UTP A 3545NB MIG & TIG Welding Wire



Classification	EN ISO 14343-A EN ISO 18274
Form	MIG spools, TIG cut lengths, Reels and Coils
Type Of Welding	Inert Gas Welding
Standard TIG straight lengths are available	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

UTP A 3545NB 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 3545NB Welding Electrodes



Class	UNS	Oxford Alloys	DIN
UTP A 3545NB MIG & TIG Welding Wire	UNS S35500	Oxford Alloy 355	DIN 1.4550

UTP A 3545NB 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 3545NB MIG & TIG Welding Wire Parameters



Welding Process	Shielding Gas	Polarity	Wire Diameter (mm)	Current (A)	Voltage (V)
MIG (GMAW)	Argon + 2% CO ₂ or Argon + 2% O ₂	DCEP (+)	0.8 – 1.2	80 – 220	18 – 28
TIG (GTAW)	100% Argon	DCEN (-)	1.6 – 3.2 (Rod)	50 – 160	As required by arc length

People Also Searched

UTP A 3545NB filler wire, UTP A 3545NB welding rod, UNS S35500 welding wire, ASTM A580 Grade 355 stainless steel, MIG TIG stainless filler wire, Austenitic stainless steel welding, High nickel welding wire, Chromium-nickel welding alloy, TIG wire for stainless steel, MIG wire UNS S35500, Corrosion resistant welding consumables, UTP stainless steel wire, Metals And Welding Specialities filler wire, Welding wire for food industry, Heat resistant filler wire, Welding wire for petrochemical industry, Marine grade stainless steel wire, UTP A 3545NB chemical composition, Nickel alloy welding wire, Welding wire for pressure vessels, High temperature welding filler, Welding wire for dissimilar steels, Welding consumables India, Industrial welding wire supplier, TIG filler rod stainless steel, MIG filler wire 355 grade, UNS S35500 stainless filler, Welding electrode equivalent UNS S35500, ASTM A580 Grade 355 specification, Best MIG wire for stainless steel, High corrosion resistance filler wire, Stainless welding wire

manufacturer, TIG welding consumables supplier, Precision welding wire UNS S35500, UTP welding products, UTP A 3545NB datasheet, Metals And Welding Specialities India