

The **ER330 MIG & TIG Welding Wire** welding wire offered by **Metals And Welding Specialities** is a high-performance stainless steel filler metal designed for applications demanding superior oxidation and corrosion resistance at elevated temperatures. Manufactured according to **UNS N08330** and compliant with **ASTM Grade 330** (also known as **Alloy 330**), this wire is engineered to maintain exceptional mechanical strength and structural integrity in extreme heat environments. Its balanced chemical composition of nickel, chromium, and iron ensures durability where thermal cycling and carburizing conditions would typically degrade standard alloys.

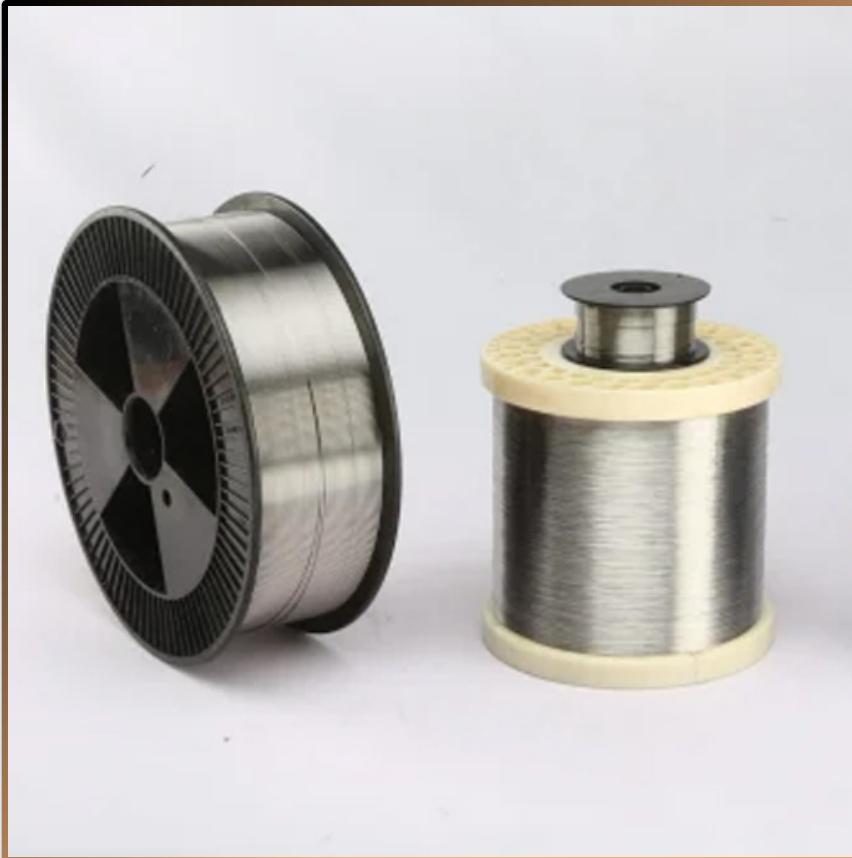


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Our **ER330 welding wire** is ideal for both **MIG (GMAW)** and **TIG (GTAW)** processes, providing consistent arc stability, smooth feedability, and minimal spatter formation. It produces clean, high-quality welds that resist scaling and cracking, even after prolonged exposure to temperatures up to 1150°C (2100°F). This makes it particularly suitable for joining and overlaying heat-resistant alloys used in furnaces, petrochemical equipment, and high-temperature industrial systems.



ER330 MIG & TIG Welding Wire, ER330 MIG & TIG Welding Wire Manufacturers, ER330 MIG & TIG Welding Wire Suppliers, ER330 MIG & TIG Welding Wire Stockists, ER330 MIG & TIG Welding Wire Exporters

When you choose **Metals And Welding Specialities**, you are choosing reliability backed by precision manufacturing and metallurgical expertise. Each spool of **AWS ER330** wire undergoes stringent quality control to ensure uniform diameter, precise chemical composition, and low levels of impurities. The result is a filler metal that meets and exceeds international standards for performance and weldability. Our customers across power generation, chemical processing, and industrial fabrication sectors rely on ER330 to deliver consistent, long-lasting welds that withstand demanding operational conditions.

The high nickel and chromium content in **ER330 stainless steel wire** provides exceptional resistance to carburization and oxidation, making it a preferred choice for welding castings and wrought components exposed to thermal shock. It exhibits excellent weld puddle control and bead appearance, ensuring both aesthetic quality and functional integrity. The alloy's superior ductility and toughness further enhance its suitability for maintenance, repair, and fabrication of furnace parts, heat exchangers, and mufflers.



ER330 MIG & TIG Welding Wire in India, ER330 MIG & TIG Welding Wire Manufacturers in India, ER330 MIG & TIG Welding Wire Suppliers in India, ER330 MIG & TIG Welding Wire Stockists in India, ER330 MIG & TIG Welding Wire Exporters in India

At **Metals And Welding Specialities**, we understand that precision in welding materials directly impacts productivity and performance. That's why our **ER330 MIG & TIG wire** is manufactured to deliver repeatable results under the most challenging conditions. It conforms to the **AWS A5.9** specification, ensuring compatibility with a wide range of base metals and welding systems. Whether you're performing automated production welding or manual repairs, this filler metal provides the reliability and consistency professionals demand.

Investing in **ER330 MIG & TIG Welding Wire** wire means securing a long-term solution that reduces downtime, improves weld life, and enhances operational efficiency in high-temperature environments. For projects where failure is not an option, trust **Metals And Welding Specialities** to deliver materials that perform beyond expectations.

Specification ER330 MIG & TIG Welding Wire



Classification	AWS A5.9, ER330
Form	MIG spools, TIG cut lengths, Reels and Coils
Type Of Welding	Inert Gas Welding
Current	MIG-DCEP / TIG-DCEN
Diameters	.023", .030", .035", .045", 1/16", 3/32", 1/8"
Standard TIG straight lengths are available	36" (914 mm) or 39" (1000 mm) lengths. Other lengths available upon request.

AWS ER320LR MIG & TIG Filler Metal Application & uses

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

Equivalent Grade Of ER330 MIG & TIG Welding Wire



Class	UNS	Oxford Alloys
ER330	N08331	Alloy 330

ER330 MIG & TIG Welding Wire Chemical Composition



C	Cr	Ni	Mo	Mn	Si	P	S	Cu
0.18-0.25	15.0-17.0	34.0-37.0	0.75	1.0-2.5	0.30-0.65	0.03	0.03	0.75

ER330 MIG & TIG Welding Wire Parameters



Diameter		Process	Volt	Amps	GAS
in	(mm)				
.035	(1.6)	GTAW	12-15	60-90	Argon 100%
.045	(1.14)	GTAW	13-16	80-110	Argon 100%
1/16"	(1.6)	GTAW	14-16	90-130	Argon 100%
3/32"	(2.4)	GTAW	15-20	120-175	Argon 100%
.035	(.9)	GMAW	17-20	70-90	75% Argon, 25% Helium
.045	(1.14)	GMAW	18-22	75-160	75% Argon, 25% Helium

People Also Searched

ER330 welding wire, AWS ER330 TIG rod, Alloy 330 MIG wire, UNS N08330 filler metal, ASTM Grade 330 stainless wire, ER330 stainless steel, 330 alloy welding rod, heat-resistant welding wire, furnace alloy filler metal, nickel-chromium stainless steel wire, ER330 GTAW filler, ER330 MIG wire spool, Alloy 330 UNS N08330, ASTM A240 Grade 330, ER330 welding consumable, ER330 TIG

welding wire, stainless filler for heat exchangers, Alloy 330 welding applications, high-temperature welding alloys, oxidation-resistant stainless wire, ER330 welding electrode, ER330 filler for petrochemical industry, Alloy 330 UNS N08330 wire, 330 stainless steel TIG rod, furnace part welding wire, AWS A5.9 ER330, Alloy 330 wire supplier, UNS N08330 MIG wire, heat-resistant stainless alloy, high-temp weld filler, ER330 weld wire manufacturer, stainless wire for heat treatment equipment, industrial furnace welding filler, nickel-chromium alloy wire, ER330 wire chemical composition, Alloy 330 weld filler metal, stainless filler for mufflers, AWS ER330 welding solution.