

Supercored 308L MIG & TIG wire by **Metals And Welding Specialities** is a premium-quality stainless steel welding consumable engineered for outstanding performance in joining and overlaying **Austenitic Stainless Steels**. Designed to deliver superior corrosion resistance and weld integrity, this wire is widely recognized under **UNS S30883** and conforms to **ASTM A580 / AWS A5.9 ER308L** standards. Its low carbon content minimizes the risk of carbide precipitation, ensuring optimal resistance to intergranular corrosion even in high-temperature service conditions.



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Manufactured with precision and consistency, **Supercored 308L MIG & TIG** is ideal for applications involving stainless steels such as **Type 304L, 304**, and similar alloys. The product exhibits excellent arc stability, minimal spatter formation, and a smooth bead appearance, making it the preferred choice for both manual and automated welding operations. Whether used in **MIG (GMAW)** or **TIG (GTAW)** processes, it delivers clean, uniform welds with superior mechanical properties.



Supercored 308L MIG & TIG, Supercored 308L MIG & TIG Manufacturers, Supercored 308L MIG & TIG Suppliers, Supercored 308L MIG & TIG Stockists, Supercored 308L MIG & TIG Exporters

This welding wire's advanced formulation provides exceptional resistance to oxidation and scaling at elevated temperatures, maintaining strength and toughness even after prolonged exposure. Its precise chemical composition with balanced chromium and nickel levels ensures compatibility with a wide range of stainless steel grades, allowing fabricators to achieve consistent results across multiple welding projects. **Supercored 308L** is particularly suited for fabrication in industries such as **chemical processing, food and beverage, pharmaceutical equipment, marine fabrication, and architectural components.**

Each spool or filler rod is produced using strict quality controls to ensure purity and uniform feedability. The wire's smooth surface finish enhances arc initiation and reduces burn-back, improving operator efficiency and minimizing downtime. **Metals And Welding Specialities** ensures that every batch of **Supercored 308L MIG & TIG** meets or exceeds international standards for reliability and performance, making it a trusted product among welding professionals worldwide.



Supercored 308L MIG & TIG in India, Supercored 308L MIG & TIG Manufacturers in India, Supercored 308L MIG & TIG Suppliers in India, Supercored 308L MIG & TIG Stockists in India, Supercored 308L MIG & TIG Exporters in India

The low carbon "L" grade of this filler metal provides a safeguard against intergranular attack in the heat-affected zone, making it particularly beneficial when post-weld heat treatment is impractical. It also offers high ductility and superior crack resistance, even under demanding service conditions. The result is a durable, corrosion-resistant joint that retains its structural integrity over time, ensuring long-lasting performance and low maintenance requirements.

For fabricators looking for consistent weld quality, clean bead appearance, and dependable performance, **Supercored 308L MIG & TIG** from **Metals And Welding Specialities** is the ideal choice. Engineered with precision metallurgy and optimized for modern welding applications, this wire guarantees high productivity, excellent corrosion resistance, and unmatched versatility across diverse industrial environments.

Specification Supercored 308L MIG & TIG



Supercored 308L MIG & TIG - Product Specification

Product Name	Supercored 308L
Process	MIG (GMAW) & TIG (GTAW)
Classification	AWS A5.9 / ASME SFA-5.9 ER308L
Typical Mechanical Properties	Tensile Strength: 580 MPa Yield Strength: 380 MPa Elongation: 35% Impact Strength: 80 J at -196°C
Shielding Gas	100% Argon or Argon + 2% Oxygen

Wire Diameter (mm)	0.8 / 1.0 / 1.2
Welding Position	All positions (Flat, Horizontal, Vertical, Overhead)
Current Type	DC Electrode Positive (DCEP)
Applications	Fabrication and repair of stainless steel equipment, pipes, and structures made from 18Cr-8Ni stainless steels such as AISI 301, 302, 304, and 304L.
Packaging	Spools (12.5 kg) for MIG and Rods (5 kg pack) for TIG

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