



CO2 Welding Wires



About Us

Founded in 1991 in Mumbai, **Fortran Steel** is a family-owned business specializing in premium hot and cold rolled bars, wires, fasteners, and construction products. Our commitment to quality ensures our products consistently exceed customer expectations.

In the past seven years, **Fortran Steel** has expanded from local markets to become an international supplier, now reaching over 26 countries. Our global presence highlights our ability to adapt and thrive, delivering high standards of quality and innovation worldwide.

Manufactured & Supplied

2 Million+

Tonnes since inception

Exported to

30+

Countries in 2023-24

Founded in

1991

in Mumbai, India

Our Mission

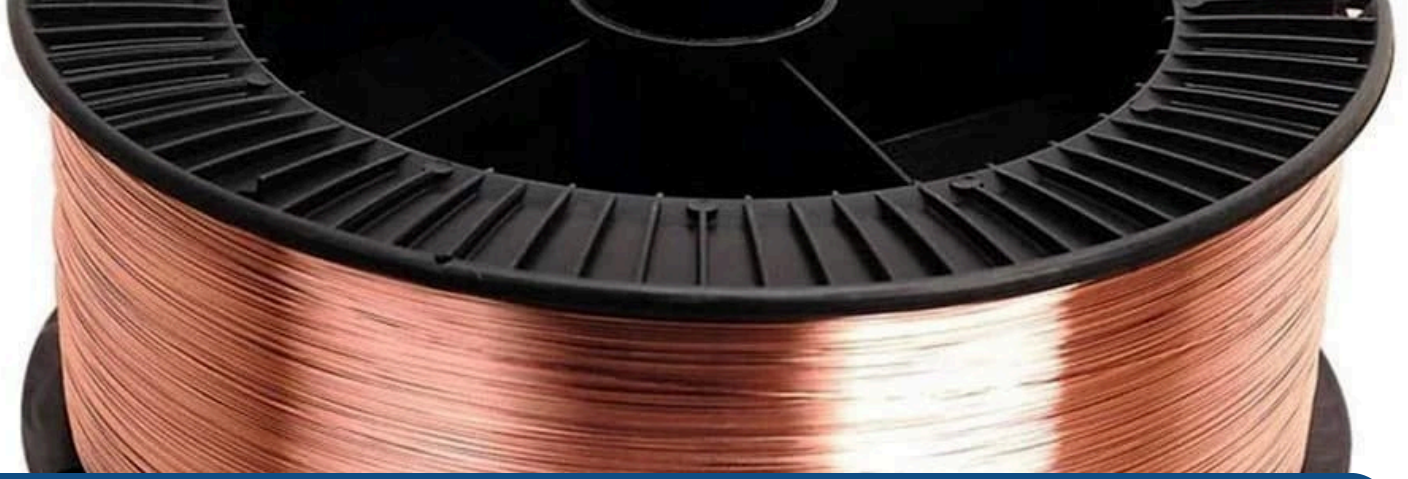
To create value in the lives of people through innovation and thereby develop a sense of pride for those associated with us. We have quality checks at each and every stage of the process to ensure that quality standards are maintained. Following which, our finished products are subject to stringent functionality tests.

We strive to create value for our customers through our range of products for everyone associated with us

Quality is our promise, your satisfaction is our priority.

Our Certifications





CO2 WELDING WIRES



CO₂ wires play a vital role in welding, ensuring strong, precise, and durable joints across various industries. Fortran Steel, a trusted manufacturer, offers high-quality CO₂ welding wires that provide superior performance, minimal spatter, and stable arcs. Made from premium mild steel, our wires are widely used in automotive, construction, and metal fabrication applications.

Optimized for use with CO₂ as a shielding gas, our MIG welding wires prevent oxidation, allowing deeper penetration and stronger welds. With high tensile strength, excellent arc stability, and precise composition, they deliver consistent quality for manual, robotic, and automated welding processes. Manufactured with advanced techniques, our CO₂ welding wires undergo strict quality checks for reliability and performance.

Available at competitive prices, Fortran Steel's welding wires offer cost-effectiveness and premium quality, making them ideal for large-scale industrial projects and precision welding needs.

CO2 WELDING WIRES

Applications

- Automotive Manufacturing
- Construction
- Metal Fabrication
- Shipbuilding
- Industrial Equipment
- Pipeline Construction
- General Manufacturing
- Repair and Maintenance



Sizes

0.8 to 1.2 mm



Tolerances

$\pm 0.02, 0.03$



Heat Treatment

- Annealing
- Stress Relieving / Spheroidizing

Grades

IS 2062 Gr A,B & C

Er70s2

Er70s3

Er70s6

Er70s-G

Er49s6

Er50s6

Er80s-G

Er70s4

Er80s-D2

Er110s-G

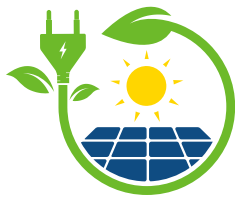
Er49s-6

Er50-6



Sustainability At Our Core

Our company's rainwater harvesting system conserves 5,000 liters of water every day. This adds up to 1.5 million liters annually, contributing to sustainable practices and reducing our environmental footprint significantly.



Our solar power system saves 1 million units of electricity annually, reducing energy costs and supporting our commitment to sustainability.



We ensure CBAM compliance by utilizing recycled steel in our processes, reflecting our commitment to sustainability and eco-friendly practices. This approach minimizes carbon emissions and aligns with global climate and regulatory goals.



We are aligning our efforts with global carbon emission goals, driving sustainable practices to create a greener, more eco-friendly future.

**We Save
1.5 Million litres of
water every year**

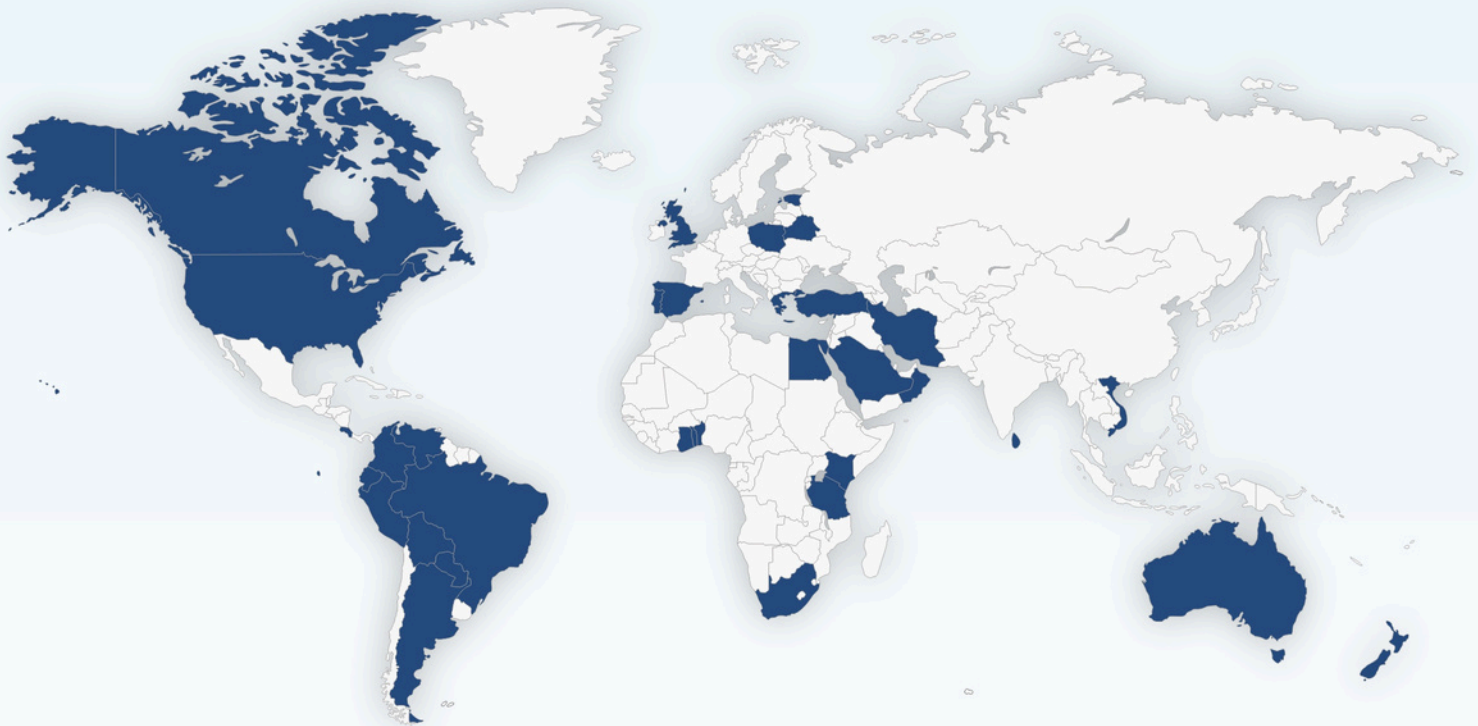
**1 Million
units of Electricity
saved every year**

**CBAM
compliant**

**Reducing
Carbon Emissions**

Made in India, Exported worldwide.

Factory Location close to JNPT Port, Navi Mumbai
Currently exporting to 30+ Countries



Building India, creating value for the world



Corporate Office

D/2, Vidyavihar station Skywalk, Sadguru Nagar,
Neelkanth Kingdom, Vidyavihar West, Vidyavihar,
Mumbai, Maharashtra 400086

Works

B-3/1, B-51, B-51/1, W-20-21-5-6, MIDC Taloja, Raigad -
410208, Maharashtra (India)

Closest Port - JNPT Mumbai
(30 minutes away)

Contact Us

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For more information scan here

