

Price of Polymer Composite Fire-Resistant Cable Trays



AI Overview

High polymer fire-resistant cable trays typically range from \$50 to \$300 per meter depending on material, size, and fire rating. Pricing Overview The cost of high polymer fire-resistant cable trays varies based on several factors:

- Material:** Fiberglass-reinforced polymer (FRP) or other high-performance polymers are commonly used for fire-resistant trays. FRP trays are lightweight, corrosion-resistant, and non-conductive, which increases their price compared to standard plastic trays.
- Fire Rating:** Trays certified for 60, 90, or 120 minutes of fire resistance (UL, BS, IEC standards) are more expensive due to testing and compliance requirements.
- Tray Type and Size:** Ladder trays, solid-bottom trays, and trough trays differ in construction. Ladder trays for heavy-duty applications cost more than wire mesh or smaller solid-bottom trays.
- Load Capacity:** Trays designed to support higher cable weights or longer spans require thicker or reinforced polymer, which increases cost.
- Supplier and Certification:** Reputable suppliers with third-party certifications (IEC 61537, UL 94 V0, DEKRA) may charge a premium for verified quality and long-term reliability.

Typical Price Ranges

- Small or lightweight polymer trays: \$50–\$100 per meter
- Medium-duty fire-resistant polymer trays: \$100–\$200 per meter
- Heavy-duty or high fire-rating FRP trays: \$200–\$300 per meter

Prices may vary depending on region, shipping, and bulk order discounts. For large industrial projects, suppliers often provide custom quotes based on tray dimensions, fire rating, and installation requirements.

Additional Considerations

- Halogen-free and low-smoke options are recommended for enclosed public spaces or data centers to reduce toxic fumes in case of fire.
- Corrosion resistance is critical for outdoor, marine, or chemical environments, which may slightly increase the cost.
- Installation accessories such as...

Article Content

FRP cable tray/ladder for power industry | Unicomposite

Fiberglass cable trays are made of corrosion resistant fiber reinforced plastic, the design delivers weight reductions while maintaining strength and maximising

Cable Tray and Ladder System | Cable Management

Our cable trays and ladder systems are made from combining fiberglass and resins that are resistant to corrosion, fire, and electrical conductivity - making them

Fire resistant cable tray | Hermi-solutions

Cable trays are intended for the construction of fire-resistant cable paths with surface cable laying. Cable paths are constructed as standard or lightweight

Cable Trays

Cable Trays directory - updated information on Cable Trays manufacturers and suppliers from across the globe

Fire-Resistant Cable Trays in High-Risk Environments

Explore the importance of fire-resistant cable trays in high-risk environments. Learn about the best materials and practices to ensure maximum

Polymer Cable Trays

Find high-quality polymer cable trays for fire-resistant and anti-corrosion applications. Perfect for electrical wiring and cable management solutions.

Fiberglass Reinforced Polymer Perforated Cable Tray

Sumip composites pvt. ltd. - offering low price fiberglass reinforced polymer perforated cable tray for industrial at 143.96 inr in sarkhej ahmedabad with product details & company information.

Environmental Equipment & Supplies

Find & compare Environmental equipment for a variety of industrial applications from thousands of suppliers. Get accurate info & quotations for your projects.

Polymer Cable tray Anti-corrosion Composite Cable tray

Introduction: Due to the particularity of the cable use environment, there are corrosion factors and fire factors in the environment, so we pay great attention to its anti-corrosion performance and fire

Types and Benefits of FRP Cable Trays: A Complete Guide

Fiberglass-reinforced plastic (FRP) cable trays are made from a composite material consisting of a polymer matrix reinforced with fiberglass. This material offers excellent resistance to

Polymer Cable tray Anti-corrosion Composite Cable tray

Of course, you can also achieve the anticorrosion and fire protection of cable tray through different processes, such as hot dip galvanizing, electric galvanizing, coating antirust paint, etc.

GRP CABLE TRAYS

Ercon Composites manufactures GRP Cable Trays. It is manufactured as per International Standards. It is made either in steel, aluminium and wood. All Ercon GRP/FRP cable trays and cable ladders are

EFG Composites

Corrosion resistance of resin system Two standard composites resin systems are available. For most of the application polyester fire retardant (FR-P) is widely used. A vinylester composites fire retardant

FRP Cable Trays

At IndiGrate Composites, we design and manufacture FRP Cable Trays that combine strength, durability, and corrosion resistance to deliver unmatched

China Composite Cable Tray, Composite Cable Tray Wholesale ...

Factory direct options come straight from the manufacturer, ensuring competitive pricing and available in trendy configurations, like lightweight or frequency-complying trays.

CREO Composites – Advanced FRP & Carbon Fiber Solutions

Smart Cable Management, Built to Withstand the Elements EDGE TRAY by CREO Composites represents our advanced line of FRP (Fiber Reinforced Polymer) cable tray systems, developed in

Fire Stopping Cable Tray: Reliable & Customizable

Find top-rated fire stopping cable tray solutions with fire resistance, UL certification, and customization options. Click to explore trusted suppliers and secure your project today.

Fiberglass Cable Tray

Our Fiberglass tray weighs 1/3 that of steel trays and is pound for pound stronger. This makes the tray easy to install, reduces the possibility of lifting accidents,

FRP and GRP Cable Trays vs Steel: Performance, Cost

FRP (Fibre Reinforced Polymer) is a composite material combining reinforcing fibres with a thermosetting resin matrix. GRP (Glass Reinforced

Manufacturer of GRP/FRP Pipe & Chemical Equipment

FRP Cable Trays are non-metallic support systems for routing electrical and data cables in industrial and commercial facilities. Made of fiberglass-reinforced

Any Color Gi Galvanized Coated Corrosion Resistant

Sumip composites pvt. ltd. - offering low price any color any color gi galvanized coated corrosion resistant perforated cable trays for industrial at 300.00 inr in

FRP Cable Tray

Our FRP cable trays are crafted from a composite material that combines the strength of fiberglass with the resilience of a polymer resin matrix. This unique

GRP Cable Tray & Cable Ladders | EAE Electric

GRP Cable Ladder and GRP Cable Tray, particularly suitable for interior and exterior areas where resistance to corrosion is a requirement. GRP Cable Trays

Fire Safety and FRP Cable Trays: Meeting Regulatory Standards

Fiber Reinforced Polymer (FRP) cable trays have gained popularity due to their lightweight, corrosion-resistant properties, but ensuring they meet regulatory fire safety standards is

Fire Resistant Cable Tray Market Report 2034

Global fire resistant cable tray market reached USD 2.52 billion in 2025, forecast to hit USD 4.89 billion by 2034, growing at 7.8% CAGR.

Fireproofing FRP Cable Trays

Elevate your fire safety with our fireproofing FRP cable trays. Durable, lightweight, and customizable for various industrial needs. Shop quality suppliers now!

FRP Perforated Type Cable Tray | Sumip Composites Pvt.ltd | IN

Material Fiber-glass Reinforced Polymer Tray Type Perforated Cable Tray
Usage/Application Chemical Plants, Power Plants, Effluent Treatment Plants, Offshore / Onshore

Fire-Retardant Polymer Composite Cable Tray for

It reduces the number of cable tray replacements during the life cycle of a

FIRE RESISTANT PROOF CABLE TRAY, DIN STANDARD E90 ...

The DIN cable tray standard specified that the entire cable tray system must be tested in an oven which is at least 3 metres long for a period of 30, 60 and 90 minutes at temperatures of up to 1000 Degrees

Fiberglass (FRP) Cable Tray for Extreme Conditions

Made from the highest quality pultruded materials, our Fiber Reinforced Polymer (FRP) cable tray is extremely durable and resistant to chemical attack, with a

Contact Us

For more information, pricing, or custom solutions, please contact us:

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