

Article Overview

Fire-resistant cable trays suitable for West Asia are available from suppliers offering steel, aluminum, and composite trays with fire ratings up to 90 minutes, designed for industrial and high-rise applications.

Key Suppliers and Products

HONGFENG Power Technology offers a wide range of fire-resistant cable trays, including aluminum alloy, stainless steel, and powder-coated options. Their products are certified to ISO, IEC, and CE standards, tested for load, corrosion resistance, and durability, and have been successfully deployed in Middle Eastern oil fields and industrial projects . They provide both standard and custom designs, ensuring compatibility with local project requirements. Zhongli Cable Tray manufactures fire-resistant trays using steel frames coated with fire-resistant paint or composite panels. These trays form a heat-insulating char layer under high temperatures, providing 60-90 minutes of fire resistance, suitable for power plants, chemical plants, and high-rise buildings . Ferrotech supplies FRP (fiberglass-reinforced plastic) cable trays with fire-retardant resins, offering Class 1 fire retardancy according to ASTM E84. These trays are non-conductive, UV-resistant, and corrosion-resistant, making them ideal for harsh environments such as refineries and chemical plants . Flamro provides fire protection coatings and tapes for cable trays, such as FLAMMOTECT-A and DG-CR 0.7, which enhance fire resistance and environmental durability. These solutions are suitable for indoor and outdoor installations, including hospitals, airports, and substations .

Material and Fire Rating Considerations

- o Steel trays with fire-resistant coatings: High structural strength, suitable for heavy cable loads, fire resistance typically 60-90 minutes.
- o Aluminum alloy trays: Lightweight, corrosion-resistant, and fire-resistant powder-coated options.
- o FRP trays: Non-conductive, corrosion-resistant, UV-stable, and fire-retardant, ideal for chemical or marine environments.
- o Fire protection coatings/tapes: Can be applied to existing trays to enhance fire resistance and prevent flame propagation.

Applications

These fire-resistant cable trays are suitable for:

- o Industrial plants, refineries, and chemical facilities
- o High-rise buildings and commercial complexes
- o Power stations, substations, and nuclear facilities

o Offshore platforms and infrastructure projects

Availability in West Asia

Suppliers like HONGFENG have experience delivering to Middle Eastern projects, ensuring fast delivery, ample stock, and customization for regional standards and environmental conditions . Custom sizes and specifications can be requested to meet local fire safety codes and project requirements. For procurement, it is recommended to contact suppliers directly to confirm stock availability, fire rating certifications, and delivery timelines for West Asia projects.

Find out all of the information about the NIEDAX product: fire-resistant cable tray . Contact a supplier or the

Which factors proved most decisive in your final selection of a fire resistant cable tray system? Share your experiences

Operations Electrical Cable Tray Fire Protection One of the most significant fire protection requirements for processing

Cable trays help reduce fire risks in complex wiring setups. Learn how UAE manufacturers design safer cable support systems with

By choosing fire-resistant FRP cable trays, incorporating flame-retardant additives, and following proper installation

With integral thermal insulation and passive fire protection, Contraflex® provides reliable cable protection.

Explore the importance of fire-resistant cable trays in high-risk environments. Learn about

Our hot-dip galvanized (HDG), epoxy-coated, and stainless steel cable trays are designed to withstand

Cable tray manufacturers in UAE and cable tray suppliers in Dubai provide fire-resistant trays and cable tray accessories that ensure

Discover essential fire safety practices for cable tray systems with Hutaib Electricals, a trusted cable tray

Fire protection solutions to protect cables, cable trays and cable systems. Discover our tested cable



Fire-resistant cable trays available in West Asia

Resistance to fire E30/E60/E90 Introduction Basor Electric, sensitive to the need to minimize the

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

Maintenance Electrical Cable Tray Fire Protection One of the most significant fire protection

Learn about essential fire safety measures for cable trays to safeguard your electrical infrastructure. Discover expert

Sinisi Solutions works with major utilities and clients to design cable enclosures that protect critical cabling and cable tray setups

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