Price of fire-fighting sealing for cable trays



Overview

Fire protection for cables & cable trays | FlamroFire protection solutions to protect cables, cable trays and cable systems. Discover our tested cable coat.

Key Takeaways

Fire-fighting sealants for cable trays typically range from $20 to $100 per unit, depending on type, fire rating, and supplier.

Overview of Fire Sealants

Fire sealants for cable trays are designed to prevent fire and smoke propagation through cable penetrations in walls, floors, and ceilings. Common types include intumescent caulks, acrylics, silicone, foam, and firestop pillows or blocks. These products are used in industrial, commercial, and critical infrastructure projects to comply with fire safety regulations and maintain operational continuity during a fire.

Factors Affecting Price

Material Type: Intumescent acrylics and silicone-based sealants are generally more expensive than standard water-based caulks due to superior expansion and fire resistance properties. Fire Rating: Products with higher fire ratings (e.g., 2-hour, 4-hour) cost more because they provide longer protection and often require third-party certification. Certification and Compliance: UL-listed or other certified products may carry a premium due to testing and compliance costs.

Application Method: Sealants applied via caulking gun or trowel are typically priced per tube or cartridge, while firestop pillows or blocks are sold per piece.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Project Scale and MO

Q: Bulk orders may reduce unit cost, but minimum order quantities (MOQs) and specialized labor for installation can influence overall project expenses.

Indicative Pricing

Intumescent caulks (e.g., IC 15WB, 3M Fire Barrier Putty): $20–$50 per tube or stick, covering small to medium openings. Firestop pillows or blocks (e.g., Hilti CFS-BL, 3M FSP-SLP-M): $30–$100 per unit depending on size and fire rating. Fire protection coatings or tapes (e.g., FLAMMOTECT-A, DG-CR 0.

7): $50–$80 per roll or liter, suitable for large cable bundles or industrial installations.

Additional Considerations

Environmental Resistance: Some sealants offer UV, moisture, and chemical resistance, which may increase cost. Installation and Maintenance: Proper application is critical for efficacy; specialized labor may add to total project cost. Supplier and Lead Time: Prices vary by supplier, location, and delivery time, especially for high-performance or custom products.

In summary, the price of fire-fighting sealants for cable trays varies widely based on material, fire rating, certification, and application method. For budgeting, expect $20–$100 per unit, with higher-end products used for critical infrastructure or high fire-resistance requirements. Always verify UL or local certifications and consider installation costs when calculating total project expenses.

Article Content

Fire protection for cables & cable trays | Flamro

Fire protection solutions to protect cables, cable trays and cable systems. Discover our tested cable coatings and fire protection bandages!

Trunking and cable tray protection

Our range of trunking and cable tray protection products provide effective fire protection for pipes, cables and trunking within floors, walls and ceilings.

Fireproof pillow for cable tray penetrations

AF BAGS are intumescent and ablative fireproof pillows certified under EN 1366-3 for sealing up to EI 240 of cable tray penetrations.

Firestop

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Our premium, intumescent latex/water-based caulk. This is an affordable firestop caulk that helps you stay on budget. Its unique intumescent property allows IC 15WB Caulk to effectively contain fire and

Firsto System | CSD Sealing Systems

FIRSTO is specifically suitable for the fire resistant ducting of cables and/or cable trays through wall and floor penetrations. No other firestop can offer the high level of security with the flexibility, time and

Cable transit frames and penetration sealing systems

Seal cable penetrations with our modular firestop solutions, designed to create water-, smoke- and gas-tight barriers in energy and industry projects both onshore and offshore.

Fire protection cable penetration seals | Discover now

FLAMRO® penetration sealing systems are suitable fire protection solutions for cables of all types, cable trays, racks, and ladders as well as electrical

Intumescent cable tray pillow

Expands to 3 times its original size when exposed to fire, filling gaps in or around cable trays in fire-rated walls, floors or ceilings. The pillow expands at low pressure, locking together to seal off fires, whilst

Fire protection for cables & cable trays | Flamro

Fire protection for cables and cable trays: effective solutions to prevent cable fires Cable systems are found in all buildings nowadays: from industrial plants via power stations to office buildings. The large

Fire sealing cable penetrations

Cable penetrations and fire safety There are many different types of cables and cable penetrations that can pass through fire compartment walls. For example,

Cable Protection Solutions | Durable Fire Safety Systems

Fireproofing cables is crucial for ensuring the safety and integrity of buildings and infrastructure. In the event of a fire, unprotected cables can quickly become conduits for flames and toxic smoke, leading

Fire Rated Cable Coatings and Penetration Sealing

Firestop Cable Coating is a white, water based synthetic resin which is applied by airless spray, or painted onto cables & cable trays to prevent the spread of fire.

Fireproof Cable Trays Acceptance: Standards for Safety

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved

Fireproof cable trays play a crucial role in modern electrical systems. They provide robust support for cables while ensuring fire safety in extreme

Fire-Resistant Cable Trays | Trafalgar Fire Products

Discover Trafalgar Fire''s fire-resistant cable trays. Ensure safety and compliance with our top-quality fire protection solutions for cable management.

Trunking and Cable Tray Protection

Additionally, many modern trunking and cable tray systems are designed with built-in fire barriers or intumescent materials that expand when exposed to heat, creating a protective seal that blocks fire

Fireproof Cable Tray Enclosures: Keep Cabling Systems Safe

Sinisi Solutions works with major utilities and clients to design cable enclosures that protect critical cabling and cable tray setups from heat and fire, and blasts. Sinisi modular cable separations provide

SEALz® Fire Rated Pillows – Fire and Acoustic Solution

SEALz® Fire Rated Pillows are a low-cost and easy-to-install method for permanently or temporarily sealing fire-walls and floors around penetrations such as ducts, cable trays, pipes, and other services.

Efficient Cable Tray Sealing System for Industrial Applications

The cable tray sealing system provides robust solutions for managing cable and pipe penetrations in fire-rated installations.

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 FD SOLUCIONES OPTICAL SYSTEMS - All rights reserved