

Article Overview

Fireproof sealing for cable trays typically ranges from \$20 to \$150 per unit depending on type, fire rating, and size.

Types of Fireproof Sealants

o Intumescent Firestop Pillows

o Examples: AF BAGS, 3M Fire Barrier Moldable Putty+

o Fire ratings: EI 120 to EI 240 (EN 1366-3)

o Features: Repositionable, suitable for cable diameters up to 21 mm, easy installation in walls, floors, and sandwich panels

o Typical cost: \$20-\$80 per pillow depending on size and certification

o Firestop Caulks and Putty

o Examples: IC 15WB Caulk, 3M moldable putty sticks

o Fire ratings: 1-3 hours F-rating, 0-3/4 hour T-rating

o Features: Applied with caulking gun, adheres to most surfaces, halogen-free, intumescent properties to block heat penetration

o Typical cost: \$30-\$60 per tube (300-600 mL), coverage depends on tray size and wall thickness

o Firestop Sheets and Wraps

o Used for larger cable trays or multiple penetrations

o Features: Flexible, can be combined with caulks or pillows for complete sealing

o Typical cost: \$50-\$150 per sheet depending on material and thickness

Factors Affecting Price

o Fire Rating: Higher ratings (e.g., 4-hour vs 2-hour) increase cost

o Material Type: Silicone, acrylic, or foam-based sealants vary in price

o Tray Size and Number of Penetrations: Larger trays require more material or multiple pillows

o Installation Method: Pre-formed pillows are faster to install but may cost more per unit; caulks require labor time

o Certifications: UL, EN 1366-3, or ETA markings can affect pricing

o Supplier and Lead Time: Custom orders or fast delivery may increase cost

Estimating Total Project Cost

o Measure cable tray dimensions and penetration size

o Determine required fire rating and select appropriate product type

o Calculate number of pillows, tubes, or sheets needed



Fireproof Sealing for Cable Trays

o Multiply unit cost by quantity and add labor/installation costs For example, sealing a medium-sized 4" x 12" tray through a 7" x 15" wall opening may require 2-4 intumescent pillows (\$40-\$160 total) or 1-2 tubes of firestop caulk (\$30-\$120 total) depending on wall thickness and fire rating . By considering these factors, you can select a fireproof sealing solution that balances safety compliance, ease of installation, and budget.

The following charts give the number of 3M pillows needed to completely firestop an opening that cable tray passes through.* Two

Find top-rated fire sealant for cable tray with up to 4-hour fire rating, halogen-free, smoke-tight seals. Click to explore

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

Installing an intumescent cable tray pillow will provide up to 4 hours fire protection, expanding and sealing cable trays.

Seal cable penetrations with our modular firestop solutions, designed to create water-, smoke- and gas-tight barriers in energy and

FIRSTO firestops are designed to seal multi-cable and cable tray penetrations of fire-rated walls and floors.

Fireproof pillow for cable tray penetrations AF BAGS are intumescent and ablative fireproof pillows certified

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

KBS ® Pipe Seal M collars effectively ensure protection against the passage of fire and smoke in the event of fire. This fire stopping

Ensure safety and durability with this comprehensive guide to fireproof cable trays

Multi-cable and Cable-tray Firestop Penetrations CSD FIRSTO® firestops are designed to seal multi-cable and cable tray

Trunking & Cable Tray Protection Fireproof pillows, pads and wraps for trunking Sort by: Showing 1 - 6 of 6 products View

Cable trays are intended for the construction of fire-resistant cable paths with surface cable laying. Cable

Fireproof Sealing for Cable Trays

General Information: - d in cable trays / racks, conduits, ducts. The fireproof cable penetration system shall be designed in such a

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The composition of fireproof walls and fire-blocking sections should use fireproof sealing materials suitable for the

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