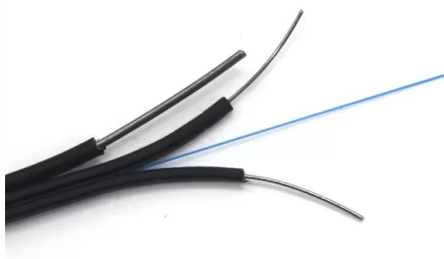


# What are the accessories for fireproof cable trays and ductwork



## 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

Fireproof cable trays and ductwork use a range of accessories including firestop pillows, intumescent coatings, fireproof tapes, caulks, bandages, and penetration seals to ensure fire safety and maintain cable functionality.

## Firestop Pillows and Bags

Intumescent firestop pillows are used to seal cable tray penetrations in walls and floors. They expand under heat to block flames and smoke, providing fire resistance up to EI 240 (EN 1366-3) for cables up to 21 mm in diameter. Examples include AF BAGS, which feature a non-combustible fiberglass casing filled with intumescent compounds and thermal insulators, allowing easy repositioning for maintenance or modifications.

3M also offers self-locking firestop pillows for various tray sizes, often used with moldable putty for complete sealing.

## Fire-



**Resistant Coatings and Bandages** Fireproof coatings such as FLAMMOTECT-A and HENSOMASTIK® are applied directly to cables or trays to inhibit flame propagation and protect against environmental factors like UV, moisture, and chemicals. Fire protection bandages wrap around cables or trays to prevent burning of insulation and reduce smoke and toxic gas release.

### **Firestop Caulks and Putty**

Intumescent caulks (e.g., IC 15WB) and moldable putty are used to seal gaps around cable trays and ductwork penetrations. These materials expand when exposed to heat, blocking fire and smoke while maintaining the integrity of the fire-rated structure. They are compatible with both new construction and retrofit applications.

### **Penetration Seals and Splice Plates**

Fire penetration seals restore the fire resistance of walls or floors where cable trays pass through. They can include metal-reinforced elastomeric sheets or rock wool panels combined with intumescent compounds. For certain tray types, splice plates with zinc-plated hardware are used to maintain structural integrity while ensuring fire safety.

### **Additional Accessories**

Trunking and duct protection products provide fire resistance for cables and pipes within floors, walls, and ceilings. Environmental protection coatings enhance resistance to oil, saltwater, and other chemicals while providing fireproofing. Mounting brackets and quick-pass devices facilitate installation and retrofitting of firestop systems.

These accessories collectively ensure that cable trays and ductwork remain functional during a fire, prevent flame and smoke propagation, and comply with fire safety standards in industrial, commercial, and sensitive facilities.

## **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!

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

Firestop

3M Fire Barrier Moldable Putty+ is a one-part, halogen-free product designed to firestop electrical outlet boxes and a wide variety of through-penetrations including cable, conduit, insulated pipe and metal

#### Firestopping Requirements for Cable Trays and Wall/Slab Penetrations

Cable trays and busways at floor level or at slab penetrations shall have a waterstop no less than 50 mm in height. At slab penetrations, provide 20–30 mm of firestopping and install a fire

#### Fire-resistant duct systems and fire protection accessories

The FWK guarantees that evacuation and escape routes are protected. Both versions feature a sheet steel outer enclosure and can be opened without hassle whenever you want to install new cables.

#### Fire resistant duct enclosures

Fire resistant duct enclosures ensure optimal fire protection for pipes, conduits and cable trays, with flexible installation on 2, 3 or 4 sides.

fire protected section, Fireproof cable accessories,

In the fire blocking process, the common fire blocking section is usually built with traditional materials, mainly composed of fireproof board, fireproof bag and

Passive fire protection system with fire-proof cable and pipe seals ...

Roxtec cable and pipe entry seals provide certified protection against multiple hazards – including smoke and fire. The fire-resistant penetration sealing system secures an efficient fire barrier.

#### Fire Rated Duct Wrap | Thermal Insulation

For the protection of fire-rated ducts - grease ducts, air ventilation ducts, smoke exhaust ducts, clothes dryers - and our cable and electrical tray wraps, we manufacture and provide a complete line of

#### 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.

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