

## Fireproof partition for cable shaft trays








### Overview

A through-penetration firestop system is a specific field-erected construction of an assemblage of materials designed to prevent the spread of fire and its byproducts for a prescribed period of time through openings which are made in floors and walls to accommodate through penetrating. A through-penetration firestop system is a specific field-erected construction of an assemblage of materials designed to prevent the spread of fire and its byproducts for a prescribed period of time through openings which are made in floors and walls to accommodate through penetrating. Scope: Firestopping for busway, cable trays, cables, and trunking passing through walls in enclosed electrical installations. Where cables pass through shafts, walls, slabs, or enter electrical panels or cabinets, openings shall be tightly sealed with firestopping materials in accordance with. The following charts give the number of 3M pillows needed to completely firestop an opening that cable tray passes through. \* Two (2) sticks of moldable putty (part number FSP-MPS) are also needed for each opening. In the power industry, the purpose of implementing fire-blocking sections (fire sections/fire partitions). RECOMENDATIONS BE APPROX. 6" LARGER THAN THE OUTSIDE DIM. OF

CABLE TRAY FIRE SEALANT BAGS (SEE NOTE #1) BAGS SHALL BE: GRACE CONSTRUCTION PRODUCTS KBS SEALBAGS OR 3M FIRE BARRIER PILLOWS.

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	<p>Where cables pass through shafts, walls, slabs, or enter electrical panels or cabinets, openings shall be tightly sealed with firestopping materials in accordance with design requirements.</p>
	<p>Code requirements clearly define fire-resistant construction and the requirements for through-penetration firestopping, the details of fire-resistant design, and the responsibility of the design professionals.</p>
	<p>INSTALL BAGS PER MANUFACTURERS INSTRUCTIONS TO ACHIEVE UL CLASSIFIED FIRE RATING EQUAL TO OR GREATER THAN FIRE RATING OF WALL. SCHEDULE INSTALLATION ...</p>
	<p>Where cables pass through shafts, walls, slabs, or enter electrical panels or cabinets, openings shall be tightly sealed with firestopping materials in ...</p>
	<p>Designed for use in through-penetration firestops, such as cable trays, conduit and blank openings, 3M™ Fire Barrier Pillows are self-contained, intumescent products that expand and lock into place ...</p>



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 ...



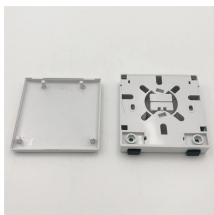
These joints must be protected by an approved fire-resistant joint system designed and certified to resist the passage of fire for a time period not less than the required fire-resistance rating of the wall, floor ...



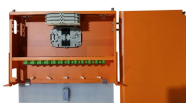
This section requires proper sealing of cable and raceway penetrations through fire-resistant rated walls, partitions, floors, or ceilings. Not all walls, floors or ceilings are “Fire-rated”.



Fields of application pillow for walls and floors. It is designed for use with cables, cable trays and plastic pipes



In the power industry, the installation of fire-blocking sections (fire-proof sections/fire-proof partitions) on cable trays is an important measure to ensure the safe operation of the power system.



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Install fire-resistant wraps, blankets, and coverings around cable trays and conductors. Build fire-rated enclosures around tray runs, transitions, and penetrations to block flame and smoke movement.

## Contact Us

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