

# Firestop

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## 3M™† Fire Barrier Self-Locking Pillows

### Features & Benefits

- Extremely easy to install - saves time and labor
- Easy removal and fully reusable - with no blocking or fusing of materials
- No cutting required, no left over debris
- Up to three-hour UL Listed F-Rating
- UL Listed systems up to 540 sq. in. opening
- Passes hose stream test without cumbersome wire mesh
- Smoke seal tested and listed
- Listed for blank or filled openings in gypsum wallboard or concrete
- Available in three (3) sizes
- One (1) or two (2) cable trays per opening

This product will intumesce and lock tightly into place eliminating the prep work of cutting or leaving any messy debris. The resulting barrier retards the transmission of smoke, fire, and toxic gases from spreading between adjacent rooms and floors for the rated time period.



Catalog Number	Type	Pillow Size	
		in.	(mm)
<b>FSP-SLP-S</b>	Small	2" x 4" x 9"	(51 x 101 x 228)
<b>FSP-SLP-M</b>	Medium	2" x 6" x 9"	(51 x 152 x 228)
<b>FSP-SLP-L</b>	Large	3" x 6" x 9"	(76 x 152 x 228)

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.

Width	Height			
	1.5	2	4	6
2	--	4	--	--
4	4	5	7	--
6	5	6	8	--
8	7	7	10	13
12	8	10	13	17
16	--	12	17	21
18	--	13	18	24
20	--	15	20	26
24	--	17	24	30
30	--	21	29	--
36	--	22	--	--

Width	Height			
	4	5	6	7
6	8	9	10	11
9	11	12	14	15
12	13	15	17	19
18	18	21	24	26
24	24	27	30	34
30	29	33	37	41
36	34	39	44	49
42	39	45	51	56
48	45	51	57	64

Width	Height		
	3	4	6
3	5	5	7
6	7	8	10
9	9	11	14
12	11	13	17
18	16	18	24
24	20	24	30

Width	Height		
	4	5	6
6	8	9	10
9	11	12	14
12	13	15	17
18	18	21	24
24	24	27	30
30	29	33	37
36	34	39	44

### UL Listed Systems

Concrete Wall - C-AJ-4056 3 HR F-Rating, 3/4 HR T-Rating

Gypsum Wall - W-L-4037 1 HR and 2 HR F-Ratings, 0 HR and 1/2 HR T-Ratings

For tray larger than 4" x 24", or a tray style other than ladder tray call 1-800-328-1687 then option 8 to obtain a free engineering judgement letter.

\* Number of pillows refers to 3M's medium self-locking pillows (part number FSP-SLP-M) and are based on an opening that is 1.5" larger than the tray on all sides.

Example: For a 4" x 12" tray the recommended opening would be 7" x 15".

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## 3M™† Fire Barrier Moldable Putty+



### Features & Benefits

- Pliable. Easy to mold into any shape
- Adheres. Sticks well to most surfaces but not to the applicator's hands
- Conformable. Pads easily conform and adhere to a wide variety of metallic and non-metallic electrical outlet boxes
- UL Listed. Wide range of UL Listed systems
- Ages Well. Excellent aging properties

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 pipe, which penetrate fire-rated construction.

Catalog Number	Type	Size	
		in.	(mm)
FSP-MPP-4x8	Small Pad	4" x 8"	(101 x 203)
FSP-MPP-7x7	Medium Pad	7" x 7"	(178 x 178)
FSP-MPP-9x9	Large Pad	9 1/2" x 9 1/2"	(241 x 241)

## 3M™† Fire Barrier CS-195+ Composite Sheets



### Features & Benefits

- Ideal for fire-stopping blank openings and through-penetrations of multiple cable, pipe ducts, buss ducts and cable trays
- Intumescent
- Lightweight and easy to handle - just cut and form to fit
- Easy to install using common trade tools
- Easy to fasten - bolt punch or drill through and use self-tapping screws or anchor bolts
- Bottom-of-floor applications available
- No mixing or damming required
- Re-enterable
- Documented aging properties

This organic/inorganic elastomeric sheet is bonded on one side to a layer of 28-gauge galvanized steel. The other side is reinforced with a steel-wire mesh and covered with aluminum foil.

Catalog Number	Type	Size	
		in.	(mm)
FSP-CS-16x28	Sheet	16" x 28"	(406 x 711)
FSP-CS-28x52	Sheet	28" x 52"	(711 x 1320)
FSP-CS-36x24	Sheet	36" x 24"	(914 x 609)
FSP-CS-36x36	Sheet	36" x 36"	(914 x 914)
FSP-CS-36x41	Sheet	36" x 41"	(914 x 1041)

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## 3M™† Fire Barrier Quick Pass Devices



### Features & Benefits

- Hinged for existing cables
- Stackable for multiple penetrations
- Optional mounting brackets - single or triplex
- Install before or after gypsum wall assembly
- Easily identified red color
- Quick to pass cables
- JCAHO and NFPA Life Safety Code 101 compliant
- UL Classified 1, 2 and 3 hour fire (F) and temperature (T) rating
- UL Classified L rating, Hot and Cold Smoke Seal
- ULC

The Quick Pass Device makes installation and retrofitting a snap. Simply follow the instructions located on the product. Use this product in new construction or update your fire protection in a renovation - the optional mounting bracket opens easily allowing retrofit installations. As your needs change, reuse the device for additional cables and wiring.

Catalog Number	Type	Size
<b>FSP-QPS-2</b>	Square Device	2 1/2" (63mm) Square
<b>FSP-QPS-2BRK</b>	Optional Mounting Bracket for FSP-QPS-2	--
<b>FSP-QPS-4</b>	Square Device	4" (101mm) Square
<b>FSP-QPS-4BRK</b>	Optional Mounting Bracket for FSP-QPS-4	--
<b>FSP-QPR-4</b>	Square Device	4" (101mm) Round
<b>FSP-QPR-4BRK</b>	Optional Mounting Bracket for FSP-QPR-4	--

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# Firestop

## 3M™† Fire Barrier CP-25WB+ Caulk



### Features & Benefits

- Water based - easy cleanup and routine disposal with no special handling
- One-part system - no mixing or measuring required
- Intumescent and endothermic
- No-sag, non-halogen formula
- Fast drying - tack-free in approximately 10 to 15 minutes
- Water-resistant seal
- Paintable
- Documented aging properties

Our premium, intumescent latex/water-based caulk. CP 25WB Caulk can be installed with a standard caulking gun



Catalog Number	Type
FSP-BC-25	10.1 ounce Tube

## 3M™† Fire Barrier IC-15WB+ Caulk



### Features & Benefits

- Cost effective
- UL tested
- Distinctive yellow color makes inspections easier
- For use as a one-part fire, smoke, noxious gas and water sealant

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 smoke at its origin. IC 15WB Caulk can be installed with a standard caulking gun



Catalog Number	Type
FSP-BC-15	10.1 ounce Tube

## 3M™ Aluminum Foil Tape 425



### Features & Benefits

- 3-mil aluminum foil
- Acrylic adhesive performs in high temperatures

Designed to seal the cut edges of 3M™ Interam Mats to complete the total encapsulation.

Catalog Number	Type
FSP-AT-425	4" (101mm) x 180' (27.5m) Roll

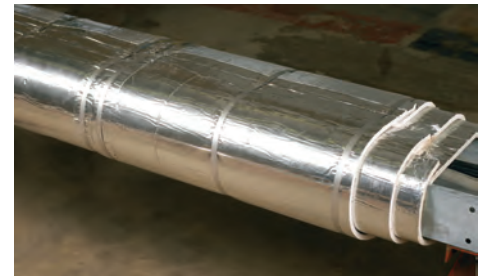
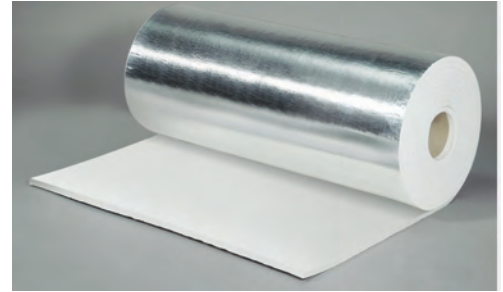
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## 3M™† Interam™† E-5 Series Mat

### Features & Benefits

- Provides up to three (3) hours of electrical circuit protection
- Made of a combination of organic/inorganic materials
- Outdoor durable
- Endothermic
- Available with a stainless-steel or aluminum backing
- Outstanding performance in high-intensity fires
- Easy to install in new applications or directly over existing fire protection

Blocks heat penetration by chemically absorbing heat energy to protect structural steel and cable trays.



Catalog Number	Type
<b>FSP-EMAT</b>	24 1/2" (622mm) x 20' (3.05m) Roll

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## Wall & Fire Wall Sleeve Kits & Accessories



'CT' Type Fire Wall Sleeve  
FWS (Fire Wall Sleeve) Shown  
Sleeve is 20" long



'D' Type Fire Wall Sleeve  
FWS (Fire Wall Sleeve) Shown  
Sleeve is 20" long



'U' Type Wall Sleeve  
WS (Wall Sleeve) Shown  
Sleeve is 20" long

- "CT" Type tray includes two (2) pair 9ZN-800\* splice plates with 3/8" zinc plated hardware.
- "D" Type tray includes two (2) pieces of CAC-UFB pivot connectors with zinc plated hardware.
- "U" Type tray does not include splices. Example uses include Wire Basket or Half-Rack.

\* Insert tray height.



FSP-1043  
Fire Stop Pillow  
3" thick, 4" wide, 9.6" long  
(orange bag)



FSP-1312  
Fire Stop Putty  
1" thick, 3" wide, 12" long  
(wrapped in paper)

FSP-1043 and FSP-1312  
can be ordered separately if  
required.



Through-Penetration products for use in Through-Penetration firestop systems. See UL Fire Resistance Director. 23XP  
Classified by Underwriters Laboratories, Inc. as to its suitability as an equipment grounding conductor only. 556E

### Wall & Fire Wall Sleeve Part Numbering

Example: **9P - xxx - CT - 4 - 12**

Finish	Type	Tray Type	Tray Height	Tray Width
<b>P</b> = Pregalvanized	<b>WS</b> = Wall Sleeve <b>FWS</b> = Fire Wall Sleeve**	<b>CT</b> = Cable Tray † <b>U</b> = Universal	<b>4</b> <b>5</b> <b>6</b> <b>7</b>	<b>06</b> = 6" <b>09</b> = 9" <b>12</b> = 12" <b>18</b> = 18" <b>24</b> = 24" <b>30</b> = 30" <b>36</b> = 36"

\*\* Includes Nelson Fire Stop Pillows & Putty  
† 'CT' Type furnished with steel splice plates (9ZN-800\*). For aluminum cable trays use the furnished splice plates and field drill 13/32" diameter holes in the aluminum side rails.