Visit 3M Electrical Fire Protection Solutions Pages

http://solutions.3m.com/wps/portal/3M/en_US/EMDCI/Home/Products/FireProtectionProducts/

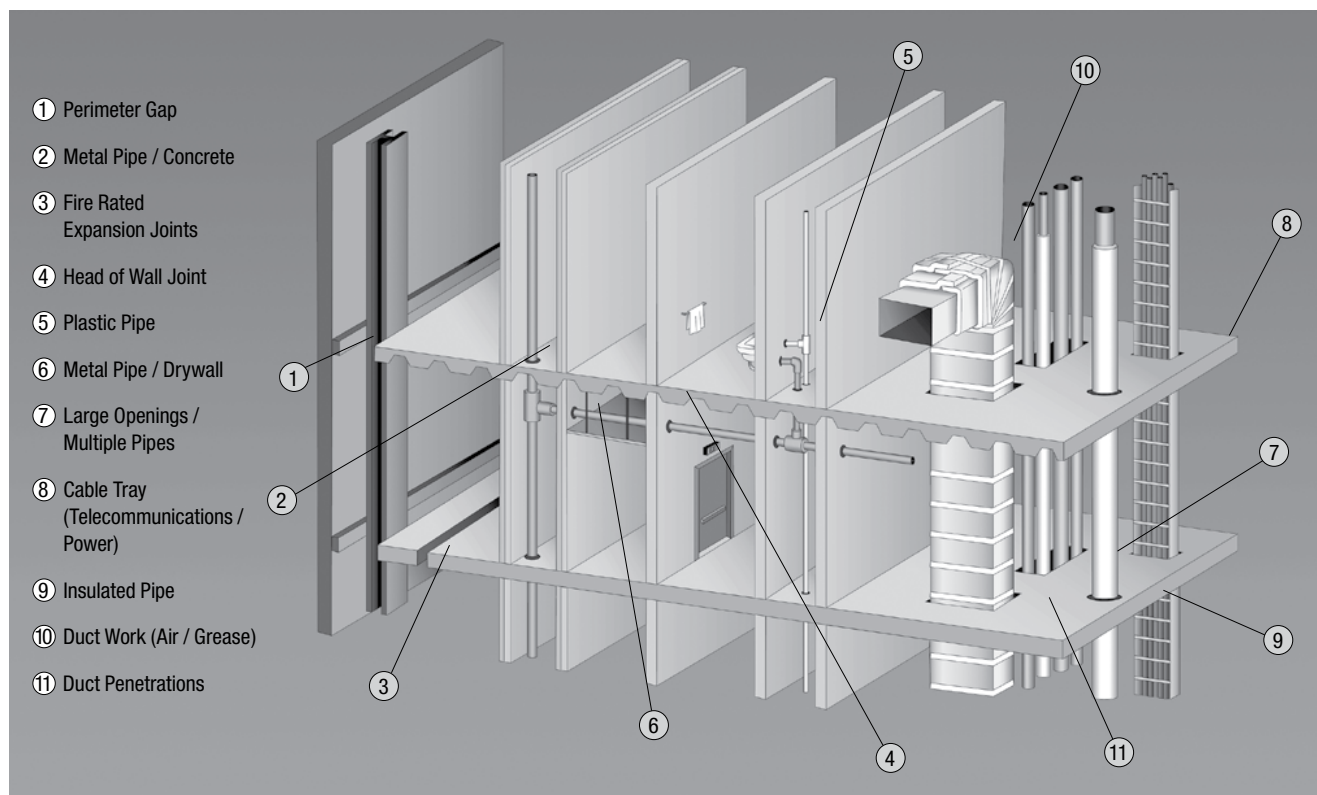# Fire Protection Products

The complete line of 3M fire protection products helps prevent fire, smoke, toxic fumes and moisture from passing through penetrations in fire-rated walls and floors. These easy-to-install products are suitable for a wide variety of firestop applications, including plastic pipes, metal pipes, HVAC ductwork, cables, construction gaps, grease ducts, wall tops and control joints.

## Typical Firestop Applications

1 Perimeter Gap

2 Metal Pipe / Concrete

3 Fire Rated Expansion Joints

4 Head of Wall Joint

5 Plastic Pipe

6 Metal Pipe / Drywall

7 Large Openings / Multiple Pipes

8 Cable Tray (Telecommunications / Power)

9 Insulated Pipe

10 Duct Work (Air / Grease)

11 Duct Penetrations

# Sealants and Packing Material

## 3M™ Fire Barrier Sealants



All 3M Fire Barrier Sealants have either intumescent, endothermic or ablative technologies designed to provide a tight and dependable seal against fire, smoke, toxic fumes and moisture. 3M intumescent sealants expand up to 10 times their original size when exposed to temperatures over 300°F (149°C). This intumescent action forms a strong, insulating char that seals the opening for up to four hours when exposed to extreme heat.

Fire barrier sealants are ideal for new construction or retrofit in a wide variety of applications such as metal, plastic, insulated and glass pipe, construction gaps, dynamic joints, HVAC ductwork and insulated cable applications.

All come in convenient job-size packages and install easily with a standard caulking gun, pneumatic pumping equipment or putty knife.

## 3M™ Fire Barrier Sealant CP 25WB+



3M Fire Barrier Sealant CP 25WB+ is our premium, intumescent latex-based sealant offering outstanding fire performance plus a non-halogen formula.

- Provides up to 4 hour rating of UL systems tested
- Water base—easy cleanup, no special handling, routine disposal
- Intumescent—expands when heated to choke and seal around items consumed by fire

- Endothermic—releases chemically bound water to cool exposed surfaces
- Fast-dry—tack-free in approximately 10-15 minutes
- Red color for easy inspection

## 3M™ Fire Barrier Sealant IC 15WB+



A low-cost, latex based, intumescent smoke and firestopping sealant for wall and floor penetrations. Easy-to-handle formulation that bonds to concrete, metal, wood and cable jacketing. Dries to a firm, rubber-like solid. Provides up to three hours of rating of UL systems tested.

- Water base—easy cleanup, no special handling, routine disposal
- Intumescent—expands when heated to choke and seal around items consumed by fire
- Endothermic—releases chemically bound water to cool exposed surfaces
- Fast-dry—tack-free in approximately 10-15 minutes

## 3M™ FireDam™ Acrylic Latex Sealant 150+



FireDam Acrylic Latex Sealant 150+ is an acrylic latex sealant used to firestop metal pipes and cables through concrete or gypsum, and for use in dynamic head-of-wall systems.

- Approved for many metal pipe through penetration applications
- Easily spread to a smooth finished surface
- Low shrinkage
- Available in blue and limestone colors

# 3M™ Fire Block Sealant FB 136

Lightweight, cementitious sealant with excellent adhesion—bonds to concrete, metals, wood, plastic and cable jacketing.

- Easy cleanup with water
- No special handling, routine disposal
- Thixotropic: will not sag or run in vertical or overhead applications
- Halogen-free
- Tack free in approximately 15 minutes
- Gray color
- High caulk rate
- Low VOC
- Meets ASTM E136 test standard

# 3M™ Fire Barrier Water Tight Silicone Sealant 1000 NS

3M Fire Barrier Water Tight Silicone Sealant 1000 NS is a non-slumping silicone ideal for use on fire-rated floor and wall penetrations and joints.

Meets the UL Water Leakage Test – Class 1 Requirements.

- Excellent weatherability
- Ideal for fast-track construction
- Excellent adhesion
- Easy application with standard or bulk caulking guns or pneumatic pumping equipment
- Cures upon exposure to atmospheric humidity
- Reenterable and repairable

# 3M™ Fire Barrier Water Tight Silicone Sealant 3000 WT

3M Fire Barrier Water Tight Silicone Sealant 3000 WT is an intumescent silicone that expands around combustible and non-combustible penetrating items to maintain a tight barrier against fire, smoke and noxious gas.

- Meets the UL Water Leakage Test – Class 1 Requirements
- Excellent weatherability
- Ideal for fast-track construction
- Excellent adhesion
- Easy application with standard or bulk caulking guns or pneumatic pumping equipment
- Cures upon exposure to atmospheric humidity

# 3M™ Fire Barrier Water Tight Silicone Sealant 1003 SL

3M Fire Barrier Water Tight Silicone Sealant 1003 SL is a self-leveling silicone ideal for fire-rated floor penetrations and joints.

- Meets the UL Water Leakage Test – Class 1 Requirements
- Excellent weatherability
- Ideal for fast-track construction
- Excellent adhesion
- Easy application with standard or bulk caulking guns or pneumatic pumping equipment
- Cures upon exposure to atmospheric humidity
- Reenterable and repairable

## 3M™ Fire Barrier Packing Material PM 4



A light-weight packing material approved for use in all of 3M's UL Listed through-penetration firestop systems. The 20-foot roll is convenient to transport and features quick and easy hand-tear dispensing.

- Approved for use in up to 4 hour firestop systems
- Convenient, hand-tear dispensing
- For almost any through-penetration firestop project
- Approved for use in all of 3M's UL Listed through-penetration firestop systems
- Less irritating to skin than competitive products

3M Fire Barrier Packing Material is ideal for use around metallic, nonmetallic, insulated pipe, HVAC and power and communication cable penetrants—a long-awaited alternative to mineral wool, fiberglass or backer rod.



## Specifications and Ordering Information for 3M Fire Barrier Sealants & Packing Material

| Product | UPC (051115-) | Description | Size | Case Qty. |
|---|---|---|---|---|
| **FIRE BARRIER SEALANTS** | | | | |
| CP 25WB+ Cartridge (10.1 oz.) | 11638-4 | Intumescent Sealant | 10.1 fl. oz. (298 ml) | 12 each |
| CP 25WB+ Sausage (20 oz.) | 11642-1 | Intumescent Sealant | 20 fl. oz. (591 ml) | 10 each |
| CP 25WB+ Cartridge (27 oz.) | 11641-4 | Intumescent Sealant | 27 fl. oz. (798 ml) | 6 each |
| CP 25WB+ Pail (2 Gal.) | 11639-1 | Intumescent Sealant | 2 gal. (256 fl. oz.) | 1 pail |
| CP 25WB+ Pail (5 Gal.) | 11640-7 | Intumescent Sealant | 5 gal. (640 fl. oz.) | 1 pail |
| IC 15WB+ Cartridge (10.1 oz.) | 16557-3 | Intumescent Sealant | 10.1 fl. oz. (298 ml) | 12 each |
| IC 15WB+ (20 oz.) | 16560-3 | Intumescent Sealant | 20 fl. oz. (591 ml) | 10 each |
| IC 15WB+ (27 oz.) | 16559-7 | Intumescent Sealant | 27 fl. oz. (798 ml) | 6 each |
| IC 15WB+ Pail (4.5 gal.) | 16558-0 | Intumescent Sealant | 4.5 gal. (576 fl. oz.) | 1 pail |
| FireDam 150+ (10.1 oz.) Blue | 11574-5 | Water Based Sealant | 10.1 fl. oz. (298 ml) | 12 cartridges |
| FireDam 150+ (20 oz.) Blue | 11634-6 | Water Based Sealant | 20 fl. oz. (591 ml) | 12 each |
| FireDam 150+ (28.5 oz.) Blue | 11602-5 | Water Based Sealant | 28.5 fl. oz. (842 ml) | 6 cartridges |
| FireDam 150+ (4.5 gal.) Blue | 11575-7 | Water Based Sealant | 4.5 gal. (576 fl. oz.) | 1 pail |
| FireDam 150+ (10.1 oz.) Limestone | 16564-1 | Water Based Sealant | 10.1 fl. oz. (298 ml) | 12 cartridges |
| FireDam 150+ (20 oz.) Limestone | 16567-2 | Water Based Sealant | 20 fl. oz. (591 ml) | 12 each |
| FireDam 150+ (28.5 oz.) Limestone | 16566-5 | Water Based Sealant | 28.5 fl. oz. (842 ml) | 6 cartridges |
| FireDam 150+ (4.5 gal.) Limestone | 16565-8 | Water Based Sealant | 4.5 gal. (576 fl. oz.) | 1 pail |
| FB 136+ Cartridge (10.1 oz.) | 1659-1 | Water Based Sealant | 10.1 fl. oz. (298 ml | 12 each |
| **WATER TIGHT FIRE BARRIER SEALANTS** | | | | |
| 3000 WT (10.1 oz.) | 16594 | Water Tight Sealant Intumescent | 4.5 gal. (576 fl. oz.) | 1 pail |
| 3000 WT (4.5 gal.) | 16593 | Water Tight Sealant Intumescent | 10.1 fl. oz. (298 ml) | 12 cartridges |
| 1000 NS (10.1 oz.) | 11537 | Water Tight Sealant  Non Slump | 4.5 gal. (576 fl. oz.) | 1 cartridge |
| 1000 NS (4.5 gal.) | 11535-6 | Water Tight Sealant Non Slump | 10.1 fl. oz. (298 ml) | 12 cartridges |
| 1003 SL (10.1 oz.) | 11540 | Water Tight Sealant Self-Leveling | 4.5 gal. (576 fl. oz.) | 1 cartridge |
| 1003 SL (4.5 gal.) | 11538-7 | Water Tight Sealant Self-Leveling | 10.1 fl. oz. (298 ml) | 12 cartridges |
| 3000 WT (20 oz.) | 18788-9 | Water Tight Sealant Intumescent | 20 oz. | 12 each |
| 1000 NS (20 oz.) | 18790-2 | Water Tight Sealant Non Slump | 20 oz. | 12 each |
| 1003 SL (20 oz.) | 18789-6 | Water Tight Sealant Self-Leveling | 20 oz. | 12 each |
| **PACKING MATERIAL** | | | | |
| PM4-Bulk | 18764-3 | Hand-Tear Dispensed Packing Material | 0.5" x 4" x 20.5 ft. (0.28 cu. ft.) | 5 rolls |

# Pillows and Putty

## 3M™ Fire Barrier Self-Locking Pillows



Self-contained, highly intumescent pillows are designed to firestop a wide variety of through-penetrations including cable trays, conduit and blank openings. Interlocking strips hold pillows securely together yet release easily for retrofit or reuse—just remove and replace pillows as needed.

- No wire mesh reduces safety issues
- Easy to install, easy to remove and reuse
- No cutting and no mess—just lock pillows together, compress and place (use 3M™ Fire Barrier Moldable Putty+ around edges to ensure proper seal)
- No graphite
- Excellent aging properties
- Available in 2" x 4" x 9" (small), 2" x 6" x 9" (medium) and 3" x 6" x 9" (large) pillow sizes
- Provides up to 3-hour UL Listed systems (in up to a 540 square inch opening)
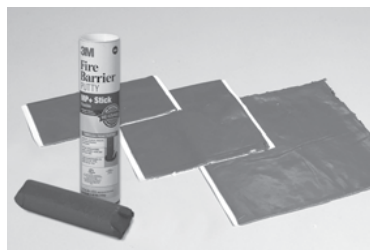
## 3M™ Fire Barrier Pillows



Stackable and conformable firestop pillows for new and retrofit projects.

- No wire mesh or graphite
- Excellent aging properties

- Available in 2" x 4" x 9" (small), 2" x 6" x 9" (medium) and 3" x 6" x 9" (large) pillow sizes
- Provides up to 3-hour UL Listed systems (in up to a 540 square inch opening)

## 3M™ Fire Barrier Moldable Putty+



3M Fire Barrier Moldable Putty+ is designed for use as a one-part, 100% solids intumescent firestop that restores the integrity of fire-rated building construction.

- Ideal for construction gaps, cable, insulated pipe, electrical conduit and metal pipe
- Designed to provide up to a 4-hour fire rating
- UL-classified for telecommunications applications (interduct, fiber optic and cables)
- Remains pliable and flexible
- Won't dry out or crumble
- Convenient pad and stix form
- Non-halogen formula
- Reenterable
- Adheres to all common building surfaces including metal and plastic electrical boxes
- Available in both 4S and 5S electrical box sizes
- Provides draft and cold smoke seal even before temperature increases
- Intumescent and expands to form a hard char that prevents the transmission of hot gases and fire
- Great for building maintenance applications

## Specifications and Ordering Information for 3M™ Fire Barrier Pillows and Putty

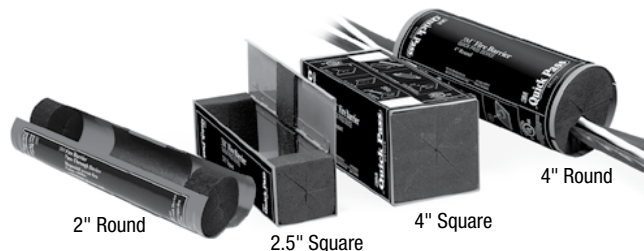| Product | UPC (051115-) | Size | Volume | Case Qty. |
|---|---|---|---|---|
| **FIRE BARRIER PILLOWS** | | | | |
| FB 249 Pillow | 16508-5 | 1/8" x 4" x 8" (3,2 x 102 x 203 mm) | N/A | 24 |
| FB 269 Pillow | 16531-3 | 2" x 6" x 9" | N/A | 16 |
| FB 369 Pillow | 16532-0 | 3" x 6" x 9" | N/A | 20 |
| **FIRE BARRIER SELF-LOCKING PILLOWS** | | | | |
| SLP-Small | 16578-3 | 2" x 4" x 9" | N/A | 24 |
| SLP-Medium | 16579-0 | 2" x 6" x 9" | N/A | 16 |
| SLP-Large | 16580-6 | 3" x 6" x 9" | N/A | 20 |
| **MOLDABLE PUTTY PADS AND STIX** | | | | |
| MPP+ 4" x 8" | 16508-5 | 1/8" x 4" x 8" (3,2 x 102 x 203 mm) | 4 in.³ | 100 each |
| MPP+ 7" x 7" | 16509-2 | 1/8" x 7" x 7" (3,2 x 178 x 178 mm) | 6.12 in.³ | 20 each |
| MPP+ 9.5" x 9.5" | 16510-8 | 1/8" x 9.5" x 9.5" (3,2 x 241,3 x 241,3 mm) | 11.3 in.³ | 20 each |
| MP+ Stix | 16526-9 | 1.5" x 11" (40,6 x 279 mm) | 21.2 in.³ | 10 each |
| MP+ Stick | 16561-0 | 1.4" x 6" (183 mm) | N/A | 12 each |

# Put heat in its place

# Pass-Through and Cast-In Devices

## 3M™ Fire Barrier Devices

Fire barrier devices offer an effective one-piece solution for the firestopping of penetrating items through rated walls and floors. During a fire, these devices intumesce to form a seal, which helps protect against the spread of fire, smoke and toxic gases. Fire barrier devices are easy to install and are designed to take the guesswork out of firestopping. 3M offers pass-through options for walls and cast-in place options for poured concrete floors. 3M Fire Barrier Devices offer a simple, caulk-free, code compliant alternative to complicated caulk systems. Plus, they have the added benefit of retrofit firestop capabilities, which means less hassles after buildings are occupied.

## 3M™ Fire Barrier Pass-Through Devices



2" Round
2.5" Square
4" Square
4" Round

Caulk-free code-compliant devices designed for easy installation and re-enterability—perfect for firestopping structures where electrical, data and communication cables or plumbing pipes pass through fire-rated floors and walls.

- Available in 2" round, 21/2" square, 4" round and 4" square sizes
- UL classified L rating, hot and cold smoke seal
- Stackable for penetrant versatility
- Hinged for easy retrofit installation around cables
- UL classified 1, 2 and 3 hour fire (F) and temperature (T) ratings

## 3M™ Fire Barrier Pass-Through Mounting Brackets



Mounting brackets available for wall or floor mounting of 3M Fire Barrier Pass-Through Devices:

- Single mounting bracket available for all devices
- Triplex and Sixplex mounting brackets available for square devices

## Specifications and Ordering Information for 3M™ Fire Barrier Pass-Through Products

| Product | Description | Case Wgt | UPC (051115-) | Unit | Case Qty. |
|---|---|---|---|---|---|
| **DEVICES AND BRACKET—ROUND** | | | | | |
| PT2RD | 2" Round Device | 7.80 | 18773-5 | Each | 6 |
| PT2RMB | 2" Round Mounting Brackets (Pair) | 11.0 | 18774-2 | Pair | 24 |
| PT4RD | 4" Round Device | 12.39 | 16598-6 | Each | 6 |
| PT4RMB | 4" Round Mounting Brackets (Pair) | 10.32 | 18754-4 | Pair | 24 |
| **DEVICES AND BRACKET—SQUARE** | | | | | |
| PT2.5SD | 2.5" Square Device | 7.72 | 16596-2 | Each | 6 |
| PT2.5SMB | 2.5" Square Single Mounting Brackets (Pair) | 11.60 | 18750-6 | Pair | 24 |
| PT2.5TMB | 2.5" Square Triple Mounting Brackets (Pair) | 19.18 | 18751-3 | Pair | 24 |
| PT4SD | 4" Square Device | 13.62 | 16597-9 | Each | 6 |
| PT4SMB | 4" Square Single Mounting Brackets (Pair) | 16.40 | 18752-0 | Pair | 24 |
| PT4SSB | 4" Square Stud Bracket | 8.20 | 18780-3 | Each | 24 |
| PT4TMB | 4" Square Triple Mounting Brackets (Pair) | 29.10 | 18753-7 | Pair | 24 |
| PT4SSMB | 4" Square Sixplex Mounting Brackets (Pair) | 36.00 | 18777-3 | Pair | 6 |

# 3M™ Fire Barrier Cast-In Device

These firestop devices are designed to make firestopping through concrete easy and affordable. With models available to accommodate plastic or metallic pipe, 3M™ Fire Barrier Cast-In Devices are installed prior to the concrete pour (attaching directly to the wood forms) and can be adjusted to various concrete depths.
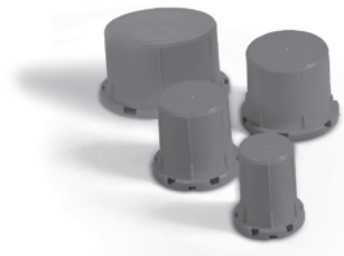
• Penetrating item is passed through device after the concrete cures
• Easily adjustable bodies that can be adapted to concrete height (from 2-1/2" up to 8")
• Models available for metallic or non-metallic penetrating items
• Available in 2", 3", 4" and 6" diameter by 8" height
• Provides up to a 3-hour fire rating

# 3M™ Fire Barrier Cast-In Metal Deck Adapter

• One-piece plastic body assembly to accommodate fluted metal decks
• Use in conjunction with 3M Fire Barrier Cast-In Devices

# 3M™ Fire Barrier Cast-In Device Height Adapter

• One-piece plastic body assembly allows 3M Fire Barrier Cast-In Devices to be used in up to 12" concrete thickness
• Designed to accommodate pipe sizes from 1 1/2" to 4"
• Easily snaps into place—no additional fastening required
• Available for use with 2", 3", 4" and 6" 3M Fire Barrier Cast-In Device

# 3M™ Fire Barrier Cast-In Tub Box Assembly

• Fastens to a 2" metallic 3M Fire Barrier Cast-In Device and creates a void for plumbing access
• Available with 2" or 3" foam insert depending on desired depth of access void
• Easily snaps into place and then attaches directly to wood forms
• Accommodates 1-1/2" and 2" pipe

## Specifications and Ordering Information for 3M™ Fire Barrier Cast-In Devices

| Product | Description | UPC (051115-) | Case Qty. |
|---------|-------------|---------------|-----------|
| 2PCID | 2" Diameter Cast-In Device for Plastic Pipes | 16536-8 | 12 |
| 3PCID | 3" Diameter Cast-In Device for Plastic Pipes | 16537-5 | 12 |
| 4PCID | 4" Diameter Cast-In Device for Plastic Pipes | 16538-2 | 6 |
| 6PCID | 6" Diameter Cast-In Device for Plastic Pipes | 16539-9 | 2 |
| 2MCID | 2" Diameter Cast-In Device for Metal Pipes | 16540-5 | 12 |
| 3MCID | 3" Diameter Cast-In Device for Metal Pipes | 16541-2 | 12 |
| 4MCID | 4" Diameter Cast-In Device for Metal Pipes | 16542-9 | 6 |
| 6MCID | 6" Diameter Cast-In Device for Metal Pipes | 16543-6 | 2 |
| 2MDA | 2" Metal Deck Adaptor | 16544-3 | 12 |
| 3MDA | 3" Metal Deck Adaptor | 16545-0 | 12 |
| 4MDA | 4" Metal Deck Adaptor | 16546-7 | 12 |
| 6MDA | 6" Metal Deck Adapter | 16547-4 | 12 |
| 2HA | 2" Cast-In Height Adaptor for use with 2PCID and 2MCID | 16548-1 | 12 |
| 3HA | 3" Cast-In Height Adaptor for use with 2PCID and 2MCID | 16549-8 | 12 |
| 4HA | 4" Cast-In Height Adaptor for use with 2PCID and 2MCID | 16550-4 | 12 |
| 6HA | 6" Cast-In Height Adapter for use with 6PCID and 6MCID | 16551-1 | 12 |
| 2TB | Tube Box | 16552-8 | 6 |
| 3TB | Tube Box | 16586-8 | 6 |
| 4AA | 4" Aerator Adapter for use with 4PCID and 4MCID | 16589-9 | 12 |

**PHONE 800-245-3573**

# Collars and Wrapstrips

## 3M™ Fire Barrier Ultra Plastic Pipe Device

The proven technology of this fire barrier product's intumescent action quickly seals off plastic pipes in a fire, and is designed to meet up to three-hour fire and temperature ratings. For plastic pipe types and hourly ratings, consult the current UL Fire Resistance Directory or ULC Volume 3 Fire Resistance Ratings.

- UL-classified for use on PVC, CPVC, CCPVC, ABS, CCABS, PVDF and FRPP
- Easy to install—one step
- Expands up to 25 times
- Factory-made, consistent quality
- Red in color for easy identification as a fire-rated device during inspections

- 100% solids
- One-part, organic/inorganic, fire-resistive elastomeric strip with foil on one side
- Intumescent for complete, rapid sealing during a fire
- Standard 2 in. width or optimized 1 in. width applications
- Superior, documented aging properties. Proven stability and performance for expected life of building
- Improved flexibility for easy, cost-effective installation
- Versatile—can be cut to fit irregular shapes
- Reenterable—no special tools required
- Non-flame supporting
- Red-brown color
- Applications include: telephone cable, metal pipe, plastic pipe, conduit, insulated metal pipe and cable trays
- Used to firestop up to 10 in. (254,0 mm) diameter PVC pipe
- UL-classified for use on PVC, CPVC, ABS, CCPVC, CCABS, PVDF, FRPP, PP and PB plastic pipe

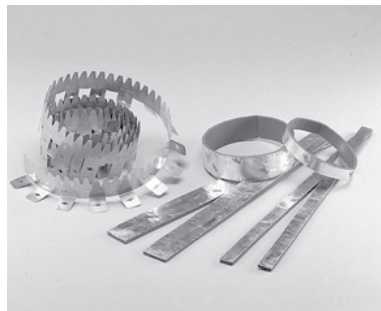3M Knoxville, IA Registered to ISO 9002 Certificate No. A1021

## 3M™ Fire Barrier Wrap/Strip FS-195+

This patented intumescent wrap/strip has 3M state-of-the-art through-penetration fire protection plus improved characteristics.

Firestops difficult through-penetrations such as plastic pipe, insulated pipe and cables. When exposed to heat, this flexible, rubber-like strip expands up to 10 times its original volume, forming a very hard char to prevent the migration of fire and smoke.

## 3M™ Fire Barrier Restricting Collar RC-1

- UL-classified for use on PVC, CPVC, ABS, CCPVC, CCABS, PVDF, PP and PB plastic pipe
- Easy installation
- 28 gauge steel
- Convenient 25 ft. (7,62 m) roll
- Required for firestopping plastic pipes larger than 4 in. (101,6 mm) in diameter

## Specifications and Ordering Information for
## 3M™ Wraps, Collars and Plastic Pipe Devices

| Product | UPC (051115-) | Style | Size | Case Qty. |
|---|---|---|---|---|
| **WRAPS AND COLLARS** | | | | |
| Wrap/Strip FS-195+ | 07115-7 | N/A | 2" x 24" (50,8 x 609,6 mm) | 10 each |
| Restricting Collar RC-1 | 08324-5* | N/A | 2" x 25' (50,8 mm x 7,62 m) | 1 each |
| E-FIS Intumescent Strip | 11626-1 | N/A | 1/2" x 50' | 10 each |
| **PLASTIC PIPE DEVICES** | | | | |
| Ultra PPD 1.5 | 08378-5 | Finger Tab | 1-1/2" (38,1 mm) | 10 each |
| Ultra PPD 2.0 | 08379-2 | Finger Tab | 2" (50,8 mm) | 10 each |
| Ultra PPD 3.0 | 08380-8 | Finger Tab | 3" (76,2 mm) | 10 each |
| Ultra PPD 4.0 | 08381-5 | Finger Tab | 4" (101,6 mm) | 10 each |
| Ultra PPD 6 | 08253-5 | Hose Clamp | 6" (152,4 mm) | 5 each |
| Ultra PPD 16 Fast Anchors | 11530-1 | Anchors | 3/4" x 16" (19,05 x 406,4 mm) | 400 each |

* UPC prefix 054007-

# Tough insulation. Easy installation.

# Sheets and Mats

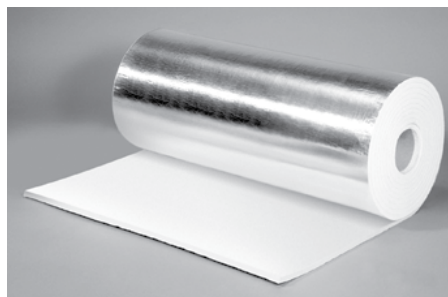## 3M™ Fire Barrier Composite Sheet CS-195+



Intumescent sheet used to firestop large openings. Designed to seal penetrations against flame spread, smoke and toxic fumes. This composite sheet has multiple applications, including blank openings, through penetrations of multiple cable, pipe ducts, buss ducts and cable trays.

- Intumescent (expands with heat) to form a hard char that tightly seals penetrations against flame spread, smoke and toxic fumes
- Multiple applications: through-penetration firestop, heat shield and firebreak protection
- Easy to install using common trade tools
- Lightweight—easy to handle, just cut and form to desired shape
- Easy to fasten—bolt punch or drill through and use self-tapping screws or anchor bolts
- Thermally conductive—allows unwanted heat buildup to escape
- Non-flame supporting
- UL-classified
- Cost-effective
- No mixing or damming—is clean to install
- Reenterable
- 100% solids
- Versatile—can be cut to fit irregular shapes
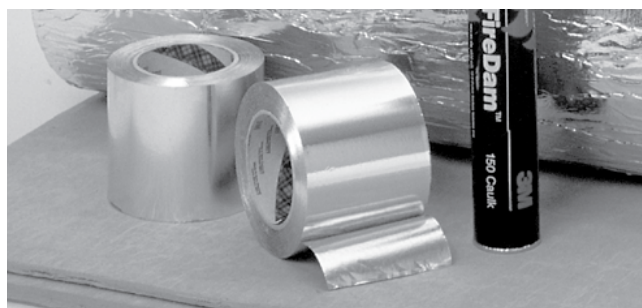
## 3M™ Interam™ Endothermic E-5A-4



This endothermic wrap is designed to block heat penetration by chemically absorbing heat energy. When exposed to high temperatures, it keeps heat out by releasing chemically bound water to cool the outer surface.

- Outstanding performance in high-intensity fires
- Protects structural steel, cable trays and circuits in conduits
- Easy to install
- Can be installed directly over existing fire protection

## 3M™ Interam™ Tape T-49



3M Interam Tape T-49 is an adhesive-backed aluminum foil tape designed to seal the cut edges of 3M Fire Barrier duct wrap and interam mats to complete the total encapsulation.

- 3-mil aluminum foil
- Acrylic adhesive
- Tensile strength: 30 lbs./in. width (525N/100 mm)

## Specifications and Ordering Information for 3M™ Sheets and Rolls

| Product | UPC (051115-) | Size | Case Qty. |
|---|---|---|---|
| **SHEETS** | | | |
| CS-195+ 16" x 28" | 07437-0 | 16" x 28" (406,4 mm x 711,2 mm) | 1 |
| CS-195+ 3' x 2' | 07220-8 | 24" x 36" (609,6 mm x 914,4 mm) | 1 |
| CS-195+ 3' x 3' | 07222-2 | 36" x 36" (914,4 mm x 914,4 mm) | 1 |
| CS-195+ 3' x 41" | 07224-6 | 36" x 41" (914,4 mm x 1041,4 mm) | 1 |
| CS-195+ 28" x 52" | 08260-3 | 28" x 52" (711,2 mm x 1320,8 mm) | 1 |
| **ROLLS** | | | |
| E-5A-4 Mat | 16571-9 | 24.5" x 20.0' x 0.4" (622,3 mm x 6,10 m x 10,16 mm) | 1 roll |
| Aluminum Tape T-49 | 02240-1 | 4" x 180' x 0.005" (101,6 mm x 54,8 m x 0,127 mm) | 2 rolls |

# Miscellaneous

## 3M™ Fire Barrier Mortar

3M Fire Barrier Mortar is a lightweight cementitious firestop product.

- Variable mix ratio—permits self-leveling as well as no-sag (no forming) application consistencies, resulting in labor savings
- Excellent adhesion—will bond to concrete, metals, wood, plastic and cable jacketing
- Reenterable without use of power tools—results in lower maintenance costs due to ease of making cable changes
- Bonds to itself—proven prior and during fire testing, resulting in proven and tested repair procedures
- Pumpability
- Warnock Hersey Certified, system number 3M/PHV 120-01 for 2-hour separations
- Mortar is available in 44 lb. bags



## Specifications and Ordering Information for 3M™ Mortar, Spray and Duct Wrap

| Product | UPC (051115-) | Size | Case Qty. |
|---|---|---|---|
| Mortar* | 07559-9 | 44 lb. bag | 1 bag |
| Firedam Spray 200 | 18755-1 | 5-gallon pail (640 fl. oz.) | 1 pail |
| Plenum Wrap 5A | 16513-9 | 1/2" x 24" x 50' | 1 roll |
| Plenum Wrap 5A | 16514-6 | 1/2" x 48" x 25' | 2 each |
| Duct Wrap 15A | 16553-5 | 1-1/2" x 24" x 20' | 1 each |
| Duct Wrap 15A | 16554-2 | 1-1/2" x 48" x 20' | 1 each |
| Duct Wrap 20A | 16555-9 | 2" x 24" x 20' | 1 each |
| Duct Wrap 20A | 16556-6 | 2" x 48" x 20' | 1 each |
| Duct Wrap 615-24 | 18786-5 | 1-1/2" x 24" x 25' | 1 each |
| Duct Wrap 615-48 | 18787-2 | 1-1/2" x 48" x 55' | 1 each |

*Mortar must be ordered in 30 bag increments

PHONE 800-245-3573