3M
Science.
Applied to Life.™

Confidence Even Under Fire
Fire Protection Product Catalogue

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3M Firestopping Progress & Trends

As an industry leader, 3M drives technologies that enable lower cost building solutions. For instance, 3M intumescent technology enabled the use of plastic pipes that were previously banned in commercial buildings due to their combustible nature — providing a cheaper, easy-to-install solution for electrical conduits and plumbing lines.

Protecting Lives for More Than 30 Years

In 1974, the movie Towering Inferno† sparked the imagination of Richard Licht, a 3M product developer who passionately believed 3M technologies could be used to improve the safety of multi-story buildings. Several devastating fires — including the 1980 MGM Grand Hotel fire that killed 84 people and injured 679 — inspired Licht to develop the first firestop products based on existing 3M intumescent technology.

Recognized by many as "one of the fathers of firestopping," Licht also helped develop some of the first firestop requirements in commercial building codes. He worked tirelessly to make the codes more progressive to improve the safety of all buildings.
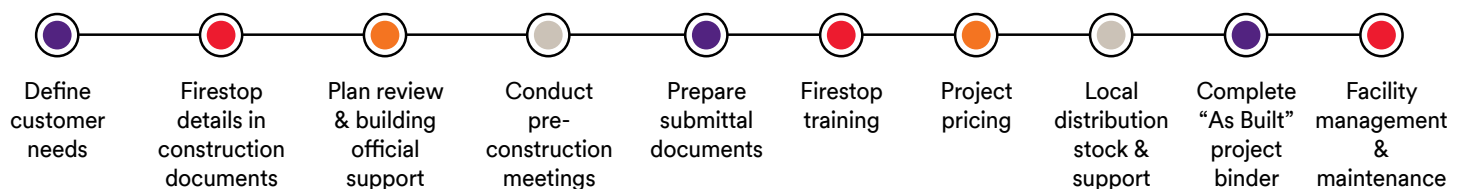
† Produced by Irwin Allen

Leadership You Can Trust

3M is proud to be the industry leader in firestopping. Our dedication to stringent testing and code developments help make buildings safer today than they were even 10 years ago. And when that dedication is backed by a brand as powerful as 3M, you get what you would expect — proven reliability and outstanding service.

The construction industry is increasingly moving toward easy-to-use firestop solutions. That's why 3M, in its leadership role, provides cutting-edge and fully integrated systems. These systems are designed to help you efficiently construct safer buildings that help protect lives and property.

The majority of 3M's firestopping innovations are tested online in the company's own UL and Intertek certified fire-test center. By testing these systems in job-specific conditions, 3M can more effectively provide fire protection solutions that meet current industry needs.

From Understanding Your Needs to Providing the Solution

Define customer needs — Firestop details in construction documents — Plan review & building official support — Conduct pre-construction meetings — Prepare submittal documents — Firestop training — Project pricing — Local distribution stock & support — Complete "As Built" project binder — Facility management & maintenance

Through-Penetration Firestops

Easy-to-install fire barrier products designed to take the guess work out of firestopping where mechanical, electrical or plumbing penetrations pass through fire-rated floors and walls.

Check UL directory. Not approved for use with CPVC pipes made using Noveon® resins.

Sealants

3M Fire Barrier Sealant CP 25WB+

Our most popular intumescent firestop sealant with over 600 tested and listed systems.

- Up to 4-hour fire ratings per ASTM E 814 (UL 1479)
- Superior adhesion — bonds to concrete, metals, wood, plastic and cable jacketing
- Extensive library of UL Classified fire protection systems
- Intumescent — expands when heated to seal around items exposed to fire
- Low VOC*

3M Fire Barrier Sealant IC 15WB+

Cost-effective, general-purpose intumescent firestop sealant.
- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- CPVC compatible
- Expanded UL Classified fire protection systems
- Superior adhesion — bonds to concrete, metals, wood, plastic and cable jacketing
- Intumescent — expands when heated to seal around items exposed to fire
- Low VOC*

  * 3M™ Fire Barrier Sealants, Putty and Sprays meet the intent of ® NC-EQ Credit 4.1 for Low-Emitting Materials. Adhesives and sealants contain <250 g/L VOC content (less H2O and exempt solvents).
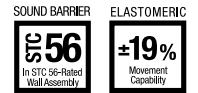
Sealants

3M Fire Barrier Sealant FD 150+

Economical firestop sealant for through-penetration and joint applications.
- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- Up to 4-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)
- Water-based for easy installation, cleanup and disposal
- Sag-resistant
- Low VOC*

Available Colors:

Limestone   Blue   Red

SOUND BARRIER STC **56** In STC 56-Rated Wall Assembly

ELASTOMERIC ±**19**% Movement Capability
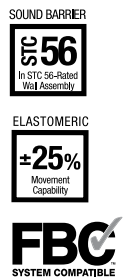
Watertight Sealants

3M Fire Barrier Water Tight Sealants achieve the benefits of firestopping and a water tight seal in one application, and offer the following benefits:
- Meet UL Water Leakage Test, W-rating — Class 1 requirements for systems tested and listed in accordance with ANSI/UL 1479
- Provide excellent adhesion on most construction surfaces, including: concrete, gypsum, metal, plastic (CPVC compatible), wood and insulation
- Ideal for the following interior construction voids: blank openings, metallic pipes, non-metallic pipes, cables, cable trays, insulated pipes, busways, HVAC vents and ducts, combos and bottom of wall construction joints
- Low VOC*

3M Fire Barrier Water Tight Sealant 1000 NS

Non-slumping silicone firestop for wall and floor applications.
- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- Up to 3-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)

SOUND BARRIER STC **56** In STC 56-Rated Wall Assembly

ELASTOMERIC ±**25**% Movement Capability

FBC SYSTEM COMPATIBLE

3M Fire BarrierWater Tight Sealant 3000 WT

High-performance intumescent silicone achieves the benefits of a firestop and watertight seal.
- Up to 4-hour fire ratings per ASTM E 814 (UL 1479)
- Excellent weatherability — ideal for fast-track construction
- Cures upon exposure to atmospheric humidity
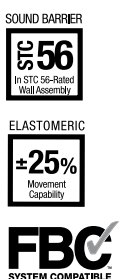- Re-enterable and repairable
- Fungi-resistant per ASTM G 21

SOUND BARRIER STC **53** In STC 54-Rated Wall Assembly

FBC SYSTEM COMPATIBLE

3M Fire BarrierWater Tight Sealant 1003 SL

Self-leveling silicone firestop for floor applications.
- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- Up to 3-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)

 * 3M Fire Barrier Sealants, Putty and Sprays meet the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials. Adhesives and sealants contain <250 g/L VOC content (less H2O and exempt solvents).

SOUND BARRIER STC **56** In STC 56-Rated Wall Assembly

ELASTOMERIC ±**25**% Movement Capability

FBC SYSTEM COMPATIBLE

Devices & Kits

3M Fire Barrier Devices and Kits offer effective, code-compliant solutions for the firestopping of penetrating items through rated walls and floors. During a fire, 3M Fire Barrier Devices and Kits intumesce to form a firestop seal, which helps protect against the spread of fire, smoke and toxic gases from one room or floor to another.

3M offers pass-through and putty sleeve options for new and retrofit wall and floor applications, as well as cast-in place options for poured concrete floors.

3M Fire Barrier Pass-Through Devices

Re-enterable cable protection.
- Up to 4-hour fire ratings per ASTM E 814 (UL 1479)
- Available sizes: 2" round, 2-1/2" square, 4" round and 4" square
- UL classified L-rating, Smoke Seal (when used in conjunction with 3M Fire Barrier Moldable Putty)
- Hinged for easy retrofit installation around cables
- Mounting brackets accessories available for wall or floor installations
- Single mounting brackets (all models)
- Triplex and sixplex brackets for stacking multiple devices (4" square only)

4" Round

4" Square

2" Round

2-1/2" Square

Devices & Kits
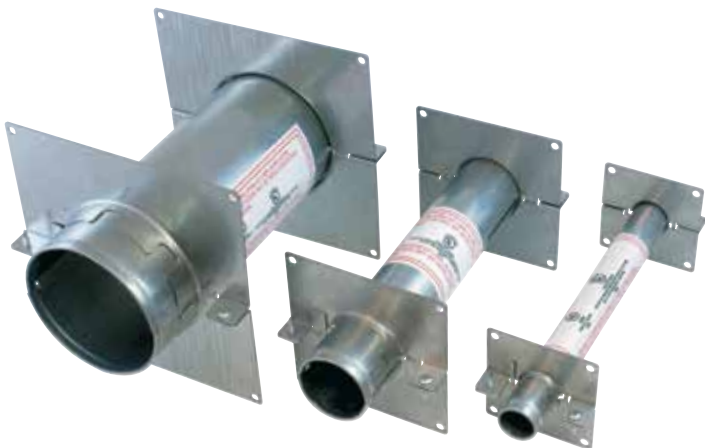
3M Fire Barrier Putty Sleeve Kits

An affordable and re-enterable solution to meet firestop code for the installation of cable and blanks in both new or retrofit applications.

- Up to 4-hour fire ratings per ASTM E 814 (UL 1479)
- Ready-to-install kit for cable or blank firestop installations
- Blank sleeve (0% cable fill) accommodates future cable installations
- Two-piece split/hinged design for easy retrofit installation on existing cables
- Suitable for installation in gypsum wallboard and concrete walls or floors
- No gasket required Cable types can be a mixture of the following:
- 100 pr. No. 24 AWG copper conductor telephone cables
- 1/C-750 kcmil copper conductor power cable
- 7/C-No. 12 AWG copper conductor control cables
- Coaxial cables
- 3/C-No 2/0 AWG aluminum conductor SER cable with No. 1 AWG aluminum ground conductor
- No. 23 AWG Category 6 data cables
- Fiber optic cable

Each ready-to-install kit includes everything you need for a complete cable or blank firestop installation.

Label holds sleeve together until you need to retrofit around existing cables. Slit label to open sleeve. Close the two halves around the cables.

Bracket covers oversized openings (up to 3/4" annular space). Innovative sleeve design assembles with the brackets to help prevent slipping during installation.

Installation of putty and application of identification label completes pass-through firestop. Putty holds cables in position, helping to prevent cable slippage and movement.

Mortar

3M Fire Barrier Mortar

Economic lightweight cement-based and endothetmic firestop that is ready for mixing with potable water. Firestops penetrations passing through fire-rated floor or wall assemblies.

- Up to 3-hour fire ratings per BS476 Part 20
- Variable mix ratio permits for floor and wall openings application
- Excellent adhesion - bonds to concrete, metals, wood, plastic and cable jacketing
- Re - enterable/repairable with common trade tools
- Acts as a heat sink, reducing the likelihood of combustible matter igniting on the unexposed side of the assembly
- Dry mix available in 20kg bags

*not load bearing

Coating

3M FireDam 2000 Coating

Intumescent fire-retardant coating for cable through-penetration, cable trays,metal pipes and insulated metal pipes application.

- Up to 4-hour fire ratings for penetration seals per BS EN 1366-3: 2004
- Fire resistance for cables and cable trays per IEC331 : 1970 and IEC332 : Part 3 : 1992
- Suppresses toxic gases and smoke emission
- Flexible and elastic coating
- Halogen free formula does not give off corrosive gases in a fire
- Good adhesion to most surfaces
- Spray, trowel or brush applied
- Quick and easy to apply

Mortar

3M Fire Barrier Mortar

Lightweight, gypsum-based and endothermic firestop that is ready for mixing with potable water. Firestops penetrations passing through fire-rated floor or wall assemblies.*

- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- Variable mix ratio permits self-leveling as well as trowelable application consistencies
- UL listed systems (including concrete floors with 2-1/2" minimum thickness)
- Excellent adhesion — bonds to concrete, metals, wood, plastic and cable jacketing
- Re-enterable/repairable with common trade tools
- Acts as a heat sink, reducing the likelihood of combustible matter igniting on the unexposed side of the assembly
- Dry mix available in 5 gallon (28 lb.) pails and 44 lb. bags

*Not load bearing.

Packing Material

A light-weight packing material approved for use in all of 3M's UL listed through-penetration firestop systems. 3M Fire Barrier Packing Material is ideal for use around metallic, non-metallic, insulated pipe, HVAC, power cable and communication cable penetrants — a long-awaited alternative to mineral wool, fiberglass or backer rod.

3M Fire Barrier Packing Material PM 4

Lightweight packing material for use in up to 4-hour through-penetration firestops.

- Convenient, hand-tear dispensing
- Approved for use in all of 3M's UL listed through-penetration firestop systems
- Less irritating to skin than competitive products
- 1/2" x 4" x 20.5 ft. roll (28 cu. ft.)

Specialty Products

Code-approved, UL listed products that help round out 3M's comprehensive offering of through-penetration firestops.

3M Fire Barrier Tuck-In Wrap Strips and Rolls

Quick and easy! Eliminates the need for retaining collars, concrete screws, ladders, and other materials often required for bottom-side installations of plastic pipe.

- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- Non-metallic listed applications include PVC, ccPVC, RNC and FRPP piping systems and HVAC line sets in concrete floor assemblies and concrete or gypsum wallboard assemblies (not for use with CPVC)
- Available in 8 ft. roll which can be cut to length for larger sized (up to 6") combustible piping penetrations and in 3 sizes of precut strips for nominal plastic pipe sizes of 2", 3" and 4"

Simplified top-side installation and labor savings!

Gently Wrap 3M Fire Barrier Tuck-In Wrap Strip around pipe, over floor opening, and adhere label to adjacent side of foam strip.

Slide wrap strip downward into concrete floor to fill gaps. Once installed, wrap strip should be seated slightly below concrete floor surface.

Follow wrap installation with layer of 3M Fire Barrier Sealant CP 25 WB+, IC 15 WB+, or 3000 WT to create seal that meets code; fire-rated to 3 hours.

Note: Follow system details

Specialty Products

3M Fire Barrier Wrap Ultra GS

Flexible, intumescent wrap strip expands
when exposed to high temperatures.
● Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
● Excellent weatherability
● For use in drain, waste, vent or closed pipe systems
● Easily cut and shaped with common tools
● Used to firestop the following plastic pipes: ccPVC, PVC,
  FRPP, PVDF, ccABS and ABS
● Provides a smoke seal when used in conjunction with 3M
  Fire Barrier Sealant (CP 25WB+, IC 15WB+, 3000 WT) or
  3M Fire Barrier Moldable Putty MP+

3M Fire Barrier Wrap Strips FS-195+

A one-part, intumescent strip with foil on one side.
● Up to 4-hour fire ratings per ASTM E 814 (UL 1479)
● Can be cut to fit irregular shapes
● Used with the 3M Fire Barrier RC-1 Restricting Collar
  and/or 3M Fire Barrier Sealant for "in-hole" applications
● Use for firestopping metallic pipes, non-metallic pipes,
  insulated pipes and cable bundles
● 24" x 2" strips

3M Fire BarrierRC-1 Restricting Collar

Works in conjunction with
3M FS-195+ Wrap/Strip or
3M Interam Ultra GS to firestop
plastic pipes up to 10" in diameter.
● 28 gauge steel
● Convenient 25 ft. roll — cut only what you need

Specialty Products

3M Fire Barrier Ultra Plastic Pipe Devices

Firestops penetrating items such as plastic pipe and cables in new and retrofit installations.
- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- One-piece construction makes installation easy
- Proven technology — intumescent action quickly seals around the penetrating item in a fire
- Can be used to seal the following plastic pipes: ccPVC, PVC, FRPP, PVDF, ccABS and ABS
- Available in 1-1/2", 2", 3", 4" and 6" sizes*
- Ultra-fast anchoring system secures the device to most substrates without power tools (3M Ultra Fast Anchors sold separately)

* All sizes with the exception of the 6" device utilize Ultra GS intumescent material. The 6" plastic pipe device utilizes FS-195+ intumescent material.

Specialty Products

Multiple pillow sizes and ability to field-cut allow for a secure fit in most openings (seal cut edges with polypropylene box sealing tape).

3M Fire Barrier Self-Locking Pillows

Self-contained, highly-intumescent pillows 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 reinstall pillows as needed.

- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- UL listed systems with openings up to 1,080 sq. in.
- No wire mesh reduces safety issues
- Easy to install, easy to remove and reuse
- Lock pillows together, compress and place (use 3M Fire Barrier Moldable Putty+ in voids to ensure proper seal)
- No graphite
- Excellent aging properties
- Pillows can be field-cut when needed
- Available sizes: 2" x 4" x 9" (small), 2" x 6" x 9" (medium) and 3" x 6" x 9" (large)

3M Fire Barrier Pillows

Self-contained, highly-intumescent firestop pillows are stackable and conformable for new and retrofit projects.

- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- UL listed systems with openings up to 1,080 sq. in.
- No wire mesh or graphite
- Excellent aging properties
- Available sizes: 2" x 4" x 9" (small), 2" x 6" x 9" (medium) and 3" x 6" x 9" (large)

3M Fire Barrier Pillows and Self-Locking Pillows meet the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials. Adhesives and sealants contain <250 g/L VOC content (less H_2O and exempt solvents per SCAQMD Rule 1168).

Specialty Products

SOUND BARRIER
STC **52**
In STC 53-Rated
Wall Assembly

3M Fire Barrier Sealants, Putty and Sprays meet the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials. Adhesives and sealants contain <250 g/L VOC content (less H2O and exempt solvents per SCAQMD Rule 1168).

3M Fire Barrier Composite Sheet CS-195+

Ideal for firestopping blank openings and through-penetrations of multiple cables, pipe ducts, bus ducts and cable trays.

- Up to 4-hour fire ratings per ASTM E 814 (UL 1479)
- No mixing or damming required
- Easy to install using common trade tools
- Easy to fasten, bolt punch or drill through (mounts easily with self-tapping screws or anchor bolts)
- Re-enterable
- Bottom-of-floor applications available
- Low VOC
- Available sizes: 16" x 28", 36" x 24", 36" x 36", 36" x 41" and 28" x 52"

3M Fire Barrier Moldable Putty MP+ Stix and Pads

Designed to firestop a wide variety of through penetrations, including cable, conduit, insulated pipe and metal pipe.

- Up to 3-hour fire ratings per ASTM E 814 (UL 1479)
- Provides cold smoke seal (L-rating)
- Pliable — can form into almost any desired shape
- Will not dry out or crumble — can be sealed for reuse
- Available in 1/10" thick pads: 4" x 8", 7" x 7" and 9.5" x 9.5" sizes
- Available stix sizes: 1.45" x 6" and 1.4" x 11"

Pads are typically used as a wall opening protective to meet building requirements, for protection of membrane penetrations made by listed steel or non-metallic electrical boxes.

Stix are typically used to seal gaps between cables in multiple penetrations (including fiber optic inner duct) and to firestop cable bundles, insulated pipe, electrical conduit, metal pipe and other through penetrations.

Fire Stop Foam

Firestop foam used to fill the annular space created by pipes and cables penetrating through fire-rated construction.

Firestop foam used to fill the annular space created by pipes and cables penetrating through fire-rated construction. FIP 1-Step foams in place filling the void between the through penetrant (pipe, cable etc) and the wall creating a firestop seal restoring the fire rating of the entire wall.

- Firestop tested up to 2 hours in accordance with ASTM E 814 (UL 1479) and CAN/ULC S115
- Meets the International Building Code for Passive Fire Protection
- Expands up to 5X when dispensed. One cartridge FIP 1-Step equals up to 6 tubes 10.1 oz caulk
- Intumescent. Expands in a fire
- Expansive UL systems for blank openings, metal pipe, cables, cable trays, combos, insulated pipe
- UL systems require no mineral wool
- Remains pliable after installation for easy installation of new cables/conduit in existing opening
- Excellent adhesion. Can be installed in wall or floor applications with no backing material
- Quick cure. Full expansion after approximately 2 minutes
- Paintable with primer
- Air leakage less than 1 CFM/Sq Ft
- Air leakage less than 1 CFM/Sq Ft
- Meets the intent of LEED VOC regulations. <250 g/L VOC contents (less H_2O and exempt solvents)

Fireblocks

Versatile fireblocks for residential and other non-rated (Type V) construction. These products also act as a draftstop to help reduce air infiltration.

3M Fire Block Foam FB-Foam

Combines the high-speed application properties of foam and the long-lasting protection of caulk
- Ready-to-use — no mixing required
- Expands up to 200% in volume to quickly and effectively seal openings
- Heat-resistant up to 240°F
- Tested to ASTM E 84 (modified) as a Type V Residential Fireblock
- Draftstop — helps reduce air infiltration
- Thermal insulator — R-Value of 4–5 per inch typical
- Meets the intent of International Building Code (IBC) and International Residential Code (IRC) Fireblocking
- Excellent adhesion — bonds to concrete, brick, metals, wood, plastic and cable jacketing
- Tack-free in approximately 5 minutes
- Minimal shrinkage and sag-resistance help ensure longevity

3M Fire Block Sealant FB 136

Lightweight cementitious sealant with excellent adhesion.Bonds to concrete, metals, wood, plastic and cable jacketing.
- Heat-resistant up to 2,000°F
- Easy clean up with water
- No special handling — routine disposal
- 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 E 136 test standard
- Can be used on chimneys and fireplaces

Construction Joint Firestop Solutions

Whether you are a drywaller, carpenter, caulker, glazer or masonry contractor, one thing you know is construction joints move. When construction joints require firestopping, you need a tested product that can meet the demands of expanding and contracting joints day in and day out. That's why 3M Fire Protection Products developed fire barrier sealants and sprays that meet the movement needs of head-of-wall, wall-to-wall and perimeter joints. These products undergo stringent building movement testing prior to firestop testing and are designed to meet the challenges of firestopping construction joints for many years.

SOUND BARRIER STC 56 — In STC 56-Rated Wall Assembly
ELASTOMERIC ±50% Movement Capability

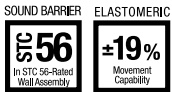Available Colors:

Gray   Red

3M FireDam Spray 200

This sprayable coating is a quick and easy method for firestopping fire rated construction joints, including: head-of-wall, wall-to-wall, floor-to-floor and perimeter joints.

● Up to 4-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)
● Up to 2-hour fire ratings for through penetrations per ASTM E 814 (UL 1479)
● Elastomeric — forms a flexible seal with compression/extension of up to ±50% of nominal joint width
● High coverage rate reduces installation time
● Fast-drying, low-sag formula
● Applied with conventional airless spray equipment
● Paintable when cured
● Applied as 1/8" wet coating (per system details)
● Easy clean-up with water
● Available in 5 gallon pails

3M Fire Barrier Sealants, Putty and Sprays meet the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials. Adhesives and sealants contain <250 g/L VOC content (less H2O and exempt solvents per SCAQMD Rule 1168).

Sprays & Sealants

SOUND BARRIER

STC 56
In STC 56-Rated Wall Assembly

ELASTOMERIC

±19%
Movement Capability

Available Colors:

Limestone   Blue   Red

Check UL directory. Not approved for use with CPVC pipes made using Noveon® resins.

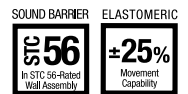## 3M Fire Barrier Sealant FD 150+

Economical firestop sealant for through-penetration and joint applications.

- Up to 4-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)
- Up to 3-hour fire ratings for through penetrations per ASTM E 814 (UL 1479)
- Elastomeric — forms a flexible seal with compression/extension of up to ±19% of nominal joint width
- Water-based for easy installation, cleanup and disposal
- Halogen-free
- Sag-resistant

3M Fire Barrier Water Tight Sealant 1000 NS

Non-slumping silicone firestop for wall and floor applications.

- Up to 3-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)
- Up to 3-hour fire ratings for through penetrations per ASTM E 814 (UL 1479)
- Compression/extension recovery of ±25% of original joint width

SOUND BARRIER

STC 56
In STC 56-Rated Wall Assembly

ELASTOMERIC

±25%
Movement Capability

FBC SYSTEM COMPATIBLE

3M Fire Barrier Water Tight Sealant 1003 SL

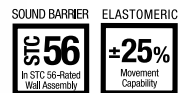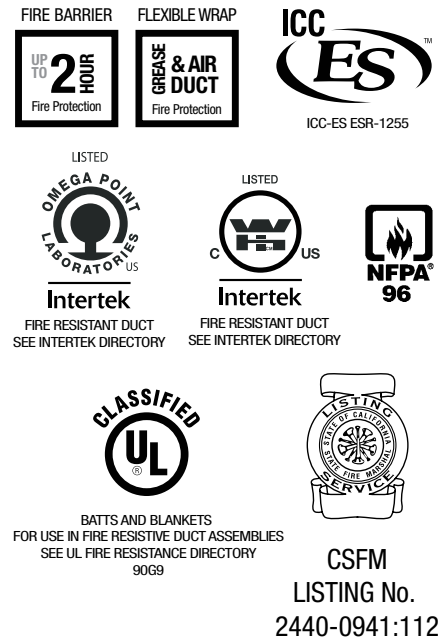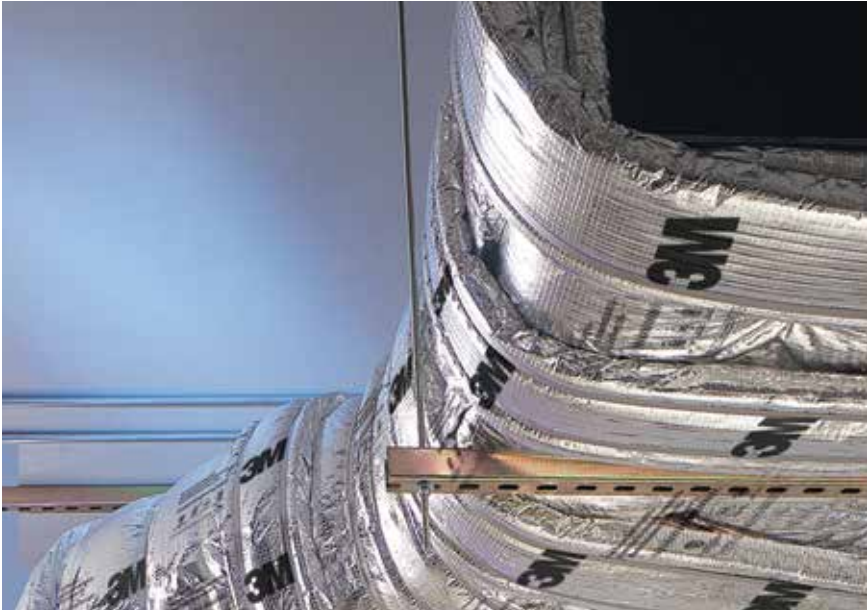Self-leveling silicone firestop for floor applications.

- Up to 3-hour fire ratings for joint systems per ASTM E 1966 (UL 2079)
- Up to 3-hour fire ratings for through penetrations per ASTM E 814 (UL 1479)
- Compression/extension recovery of ±25% of original joint width

SOUND BARRIER

STC 56
In STC 56-Rated Wall Assembly

ELASTOMERIC

±25%
Movement Capability

FBC SYSTEM COMPATIBLE

Flexible Wrap Fire Protection

Flexible solutions for the protection of grease ducts, ventilation air ducts, return air plenums, emergency circuits, structural steel and more. These flexible wrap products make installation easy, even around corners. Ideal for use in a wide variety of commercial and industrial applications.

FIRE BARRIER
UP TO **2 HOUR**
Fire Protection

FLEXIBLE WRAP
GREASE **& AIR DUCT**
Fire Protection

ICC ES™
ICC-ES ESR-1255

LISTED
OMEGA POINT LABORATORIES US
Intertek
FIRE RESISTANT DUCT
SEE INTERTEK DIRECTORY

LISTED
C US
Intertek
FIRE RESISTANT DUCT
SEE INTERTEK DIRECTORY

NFPA® 96

CLASSIFIED
UL®
BATTS AND BLANKETS
FOR USE IN FIRE RESISTIVE DUCT ASSEMBLIES
SEE UL FIRE RESISTANCE DIRECTORY
90G9

LISTING SERVICE
STATE OF CALIFORNIA STATE FIRE MARSHAL
CSFM LISTING No. 2440-0941:112

3M Fire Barrier Duct Wrap 615+

Lightweight. Flexible. Protective. The only fire-rated duct wrap product you'll need to help protect grease and air ducts.

- Certified for grease ducts to ASTM E 2336 (including ASTM E 119 engulfment) in 2-layer systems. Certified for ventilation ducts to ISO 6944 in 1-layer systems and for other key life-safety duct applications.
- Also used to achieve T-ratings for metallic penetrations
- Tested and listed with UL and Intertek (OPL), meets the intent of IBC, IMC, UMC, NFPA and other key life safety codes
- Listed by California State Fire Marshal (Listing No. 2440-0941:5555)
- ICC-ES Evaluation Report ESR-1255
- Lightweight (6 lbs. per cu. ft.) and thin (1-1/2" — in accordance with ASTM C 892 tolerances) for easier application
- Heat-resistant (up to 2,192°F)
- Flexible for wrapping around corners and obstacles
- Non-asbestos wrap*
- Available in 1-1/2" x 24" x 25 ft. roll, or 1-1/2" x 48" x 25 ft. roll

Manufactured with fibers not classified as carcinogenic, independently certified to meet requirements of EU Directive 67/548/EEC and German Gefahrstoffverordnung (Dangerous Substances Act).

Firestop Systems

3M Fire Barrier Plenum Wrap 5A+

Lightweight wrap provides a flexible, non-combustible enclosure for cables and pipes in return air plenums.
- Strong, lightweight and flexible material for easy installation
- Tested to ASTM 84, NFPA 262 (UL 910) and UL 1887
- Foil encapsulated scrim
- Non-asbestos wrap*
- Available in 1" x 24" x 50 ft. roll, or 1" x 48" x 25 ft. roll

* Has been demonstrated to be soluble in the lungs according to EU guideline 97/69/EG, for biopersistence.
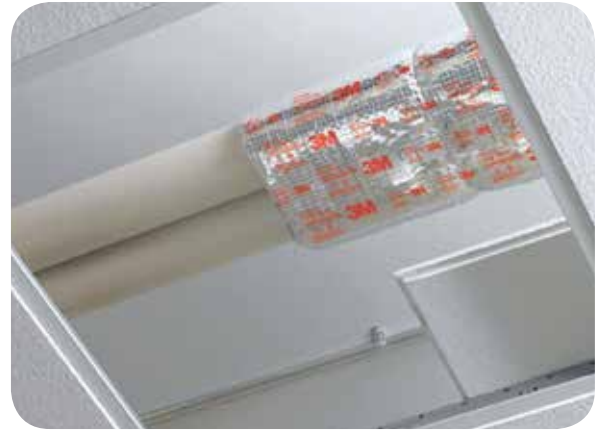
3M Aluminum Foil Tape 425

Designed to perform in high temperatures.
- Used to seal cut edges of 3M Interam Endothermic Mat in order
  to complete total encapsulation
- Thermally-conductive, dead-soft aluminum backing combined with
  a transparent acrylic adhesive backing
- 4.6 mil (0.12mm) aluminum foil
- 4" x 60 yd. roll

3M FSK Facing Tape 3320

Conformable, easy-to-apply and temperature-resistant.
- Used to seal cut edges of 3M Fire Barrier Duct Wrap, 3M Fire Barrier Plenum Wrap and similar products in order to complete total encapsulation
- High-performance reinforced insulation tape (Foil/Scrim/Kraft)
- UL listed and mold-resistant
- Special acrylic adhesive works in both very cold and hot temperatures
- 3.89" x 50 yd. roll

Flexible Wrap Fire Protection

Firestop Systems

3M Interam Endothermic Mat E-5A-4

Endothermic — releases chemically bound water to cool the assembly when exposed to high temperatures to protect structural steel, cable trays and circuits in conduits.

n Up to 4-hour protection for structural steel (ASTM E 119), up to 3-hour electrical circuit protection (ASTM E 1725) and up to 2-hour protection for wall opening membranes (UL 1479)*

n Outstanding performance in high-intensity fires, provides protection against large hydrocarbon pool fires in accordance with ASTM E 1529 (UL 1709)

n Made of a combination of organic/inorganic materials

n Outdoor durable**

n Available with a stainless-steel or aluminum backing

n Easily cuts to size and flexible — install in new applications or directly over existing fire protection

n 2/5" thick x 24-1/2" wide x 20 ft. long roll

Wraps easily around existing structures. Multiple layers can be applied, allowing you to tailor the amount of fire protection required.
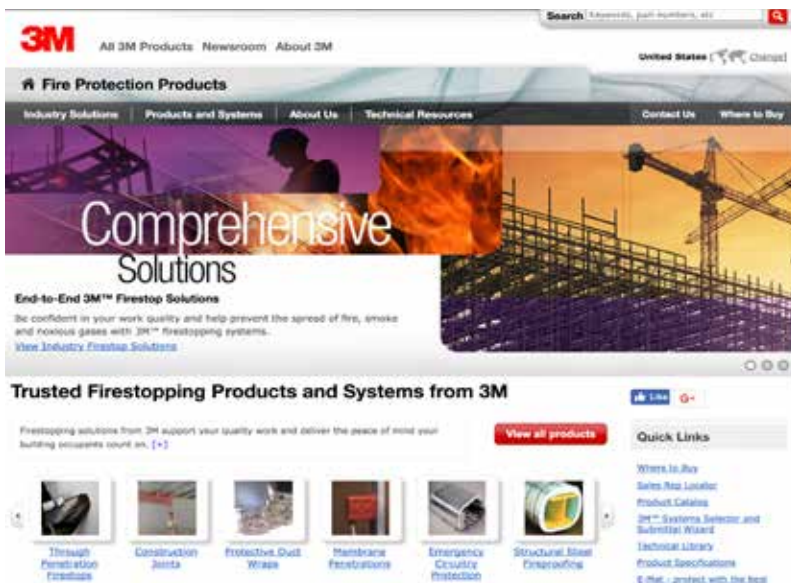

*See system details for layering requirements.
** When covered with 0.010" stainless steel jacketing.

Approved for membrane penetration protection (e.g., electrical boxes and medical gas boxes).

Value Beyond the Products

Online tools available at
www.3M.com/firestop

3M System Selector

Helps you quickly navigate through our extensive library of tested and listed systems to provide a short list of suitable systems for a specific application.

3M Submittal Wizard

Allows users to access, select and combine documents from multiple applications on the 3M Fire Protection website. Selected documents can be combined into a single pdf for user's proposal submittal.

Training

3M offers fire protection training online, online or at our UL certified test center. Our website provides information on upcoming courses as well as registration for e-Train. e-Train is 3M Fire Protection's online learning management system designed to provide users with general firestopping information and trade-specific installation details.

3M Firestop Management System

This web-based application is designed to help existing facilities monitor their fire barrier management system. With specific functionality to help healthcare facilities pass Joint Commission and other key life safety inspections, key features include contractor management (e.g. issue permits, monitor access), firestop system management down to every floor or wall, document retention including life safety plans and installation photos, and report generation (e.g. system inventory or contractor status).

Contact Your Local Distributor or 3M Fire Protection Sales Representative for More Information

3M Fire Protection Products

Typical Applications - Commercial Construction

3M Fire Barrier
Sealant CP 25WB
+C-AJ-1551

3M Fire Barrier
Plenum Wrap 5A+
3MU/BI 120-01

3M Fire Barrier
Watertight Sealant 1003
SL Floor Joint Assembly
FF-D-1021

3M Fire Barrier
Sealant CP 25 WB
+C-AJ-1427

3M FireDam
Spray 200
HW-D-0020

3M Fire Barrier
Watertight Sealant
1000NS HW-D-1068

3M Fire Barrier
Ultra Prastic Pipe
Device C-AJ-2227

3M Fire Barrier
Sealant IC 15WB+
W-L-3195

3M Fire Barrier
Putty Sleeve Kit
C-AJ-3310

3M Fire Barrier
CS-195+,FS195+,
MP+Putty Stick
C-AJ-8001

3M Fire Barrier
Wrap Strip FE-195+
C-AJ-5002

3M FireDam
Spray 200
CEJ 370 P

3M Fire Barrier
Duct Wrap 615+
Rated Grease Duct
3MU/FRD 120-18

3M Fire Barrier
Tuck-In Wrap Strip
C-AJ-2643

3M Fire Barrier
Wrap Strip Ultra
GS,RC-1 Restricting
Collar, Ultra RC Pack
W-L-2147

3M Interam
Endothermic Mat
E-5A-4 System No.8

3M Fire Barrier
Pillow or 3M Fire
Barrier Self-Locking
Pillow W-L-4037

3M Fire Barrier
Watertight Sealant
1003 SL C-AJ-8075

3M Fire Barrier 3000
WT Sealant C-AJ-
2510

3M Fire Barrier
Watertight Sealant 3000
WT C-AJ-2299

3M Fire Barrier
1003 SL Sealant
3MU/FRD 120-18

3M Fire Barrier
Sealant FD150+
HW-D-0111

3M Fire Barrier
Moldable Putty Pad
MPP+CLIV

3M Fire Barrier
Pass Through Device
C-AJ-3250

3M Fire Barrier
Sealant CP 25WB+ &
Packing Metarial PM 4
C-AJ-5210

3M Fire Barrier
Cast-In Device
F-A-5028

Elevator Hoistaway
Smoke Management Duct
3M Fire Barrier
Duct Wrap 615+
3MU/DI 120-01

Stair Air
Pressurization Duct
3M Fire Barrier
Duct Wrap 615+
3MU/DI 120-01

**The List systems are typical applications only. Please refer to the volume of your 3M specification guide for
your specific application or use the 3M System Selector available at : www.3m.com/firestop**

Warranty and Limited Remedy. 3M warrants that each 3M Fire Protection Product will be free from defects in material and manufacture for 90 days from the date of purchase from 3M's authorized distributor. 3M MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES , INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a 3M product does not conform to this warranty, the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

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The FBC® System Compatible logo indicates that a 3M product has been tested and is monitored on an on going basis to assure chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings. FBC is a registered trademark and FlowGuard Gold, Blazemaster and Corzan are trademarks of Lubrizol Advanced Materials, Inc.© Lubrizol Advanced Materials, Inc. 2011. All rights reserved.

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