

3M™ Fire Barrier Sealant CP 25WB+

Product Data Sheet

1. Product Description

3M™ Fire Barrier Sealant CP 25WB+ is a high-performance, ready-to-use, gun-grade, latex-based, intumescent sealant that dries to form a monolithic firestop seal that also acts as a barrier to airborne sound transmission. 3M™ Fire Barrier Sealant CP 25WB+ helps control the spread of fire, smoke and noxious gasses before, during and after exposure to a fire when installed in accordance with a listed through penetration or fire-resistive joint assembly system.

3M™ Fire Barrier Sealant CP 25WB+ firestops blank openings and penetrations passing through fire-rated floor, floor/ceiling or wall assemblies and other fire-rated interior building construction. The unique intumescent property of this material allows 3M™ Fire Barrier Sealant CP 25WB+ to expand and help maintain a firestop penetration seal for up to 4 hours as penetrants are exposed to fire. 3M™ Fire Barrier Sealant CP 25WB+ exhibits excellent adhesion to a full range of construction substrates and penetrants. No mixing is required.



High-performance firestop sealant that also helps minimize sound transfer

Product Color: ■ Red

Product Features

- Firestop tested up to 4 hours in accordance with ASTM E 814 (UL 1479) & CAN/ULC S115
- Fire Resistance tested for static construction joint systems in accordance with ASTM E 1966 (UL 2079)
- Re-enterable / repairable
- Meets UL 1479 aging requirements
- Helps minimize sound transfer*
- Applied with conventional caulking equipment (excellent caulk rate)
- Extensive listed systems
- Sag-resistant
- Halogen-free
- Excellent adhesion
- Paintable
- Water clean up

Meets the intent of LEED® VOC regulations—helps reduce the quantity of indoor air contaminants that may be odorous, irritating and harmful to the comfort and well-being of the installers and occupants. <250 g/L VOC contents (less H₂O and exempt solvents).

**Minimizes noise transfer—STC-Rating of 54 when tested in STC 54-rated wall assembly.*

2. Applications

High-performance 3M™ Fire Barrier Sealant CP 25WB+ is ideal for sealing single or multiple through penetrations in fire-rated construction. 3M™ Fire Barrier Sealant CP 25WB+ is typically used in mechanical, electrical and plumbing applications to firestop openings created by the following penetrations in fire-rated floors, floor/ceilings or walls: metallic pipe, plastic pipe (excluding CPVC), conduit, power and communication cable, cable trays, busways, combos, insulated pipe and HVAC duct penetrations. 3M™ Fire Barrier Sealant CP 25WB+ is also used to firestop blank openings and static construction joints.

3. Specifications

3M™ Fire Barrier Sealant CP 25WB+ shall be a one component, ready-to-use, gun-grade, latex-based, intumescent firestop sealant capable of expanding a minimum of 3 times its dried volume when exposed to temperatures above 1000°F (538°C). The material shall be thixotropic and shall be applicable to overhead, vertical and horizontal firestops. The sealant shall be listed by independent test agencies such as UL, Intertek or FM. 3M™ Fire Barrier Sealant CP 25WB+ shall be tested to and pass the criteria of ASTM E 814 (UL 1479) Standard Test Method for Fire Tests of Penetration Firestop Systems, ASTM E 1966 (UL 2079) Standard Test Method for Fire Resistive Joint Systems and CAN/ULC S115 Standard Method of Fire Tests of Firestop Systems. 3M™ Fire Barrier Sealant CP 25WB+ meets the requirements of the IBC, IRC, IFC, IPC, IMC, NFPA 5000, NEC (NFPA 70) and NFPA 101.

Typically Specified Division

Division 7

Section 07 84 00 – Firestopping

Related Sections

- Section 07 84 16 – Annular Space Protection
- Section 07 84 43 – Fire-Resistant Joint Sealants
- Section 07 86 00 – Smoke Seals
- Section 07 87 00 – Smoke Containment Barriers
- Section 07 27 00 – Air Barriers
- Section 21 00 00 – Fire Suppression
- Section 22 00 00 – Plumbing
- Section 26 00 00 – Electrical



SOUND BARRIER



FILL, VOID OR CAVITY MATERIAL FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS SEE UL FIRE RESISTANCE DIRECTORY 90G9



FILL, VOID OR CAVITY MATERIALS 90G9



SUBJECT TO THE CONDITIONS OF APPROVAL AS A WALL & FLOOR PENETRATION FIRESTOP WHEN INSTALLED AS DESCRIBED IN THE CURRENT EDITION OF THE FMRC APPROVAL GUIDE

LISTED



Intertek

FIRESTOP SYSTEMS SEE INTERTEK DIRECTORY

LISTED



Intertek

FIRESTOP SYSTEMS SEE INTERTEK DIRECTORY



For technical support relating to 3M Fire Protection Products and Systems, call: 1-800-328-1687

For more information on 3M Fire Protection Products, visit: www.3m.com/firestop

4. Physical Properties

Color:	Red
Application Temperature Range: (ASTM C 1299)	40° to 122°F (4° to 50°C)
Service Temperature Range:	-20° to 180°F (-28° to 82°C)
STC (ASTM E 90 and ASTM E 413):	54 when tested in STC 54-rated wall assembly
Surface Burning (ASTM E 84):	Flame Spread 0 Smoke Development 0

Hardness (ASTM D 2240 Shore A):	45
Tensile Strength:	85 psi (0.59 MPa)
Volume Shrinkage (ASTM C 1241):	28%
VOC Less H₂O and Exempt Solvents:	<1 g/L

Dry: Under typical conditions of 75°F (23°C) and 50% R.H., sealant becomes tack-free in about ten minutes and dry-to-touch in 30 to 60 minutes. Full dry depends upon ambient conditions and volume of sealant. Typical dry rate is approximately 1/8 inch (3 mm) per day.

Unit Volume: 10.1 fl. oz tube (298.7 mL, 18.2 in.³), 20 fl. oz. sausage (591.5 mL, 36.1 in.³), 27 fl. oz tube (798.5 mL, 48.7 in.³), 2 gal. pail (7.57 L, 462 in.³), 5 gal. pail (18.9 L, 1155 in.³)

5. Packaging, Storage, Shelf Life

Packaging	Product packaged in cartridge or pail is enclosed in HDPE plastic containers, sausage is packaged in aluminum foil wrap
Storage	3M™ Fire Barrier Sealant CP 25WB+ should be stored indoors in dry conditions between 40°F and 90°F (4°C and 32°C) in the original unopened package. Avoid repeated freeze / thaw exposures of the 3M™ Fire Barrier Sealant CP 25WB+ prior to installation.
Shelf Life	3M™ Fire Barrier Sealant CP 25WB+ shelf life is 12 months in original unopened containers from date of packaging when stored above 68°F (2°C). Lot numbering (e.g. 8183AS): First digit = Last digit of year manufactured, Second to fourth digit = Julian Date, Letters = Random to distinguish between lot numbers

6. Installation Techniques

Consult a 3M Authorized Fire Protection Products Distributor / Dealer or Sales Representative for Applicable UL, Intertek or other third-party drawings and system details.

Preparatory Work

The surface of the opening and any penetrating items should be cleaned to allow for the proper adhesion of the 3M™ Fire Barrier Sealant CP 25WB+. Ensure that the surface of the substrates are not wet and are frost free. Sealant can be installed with a standard caulking gun, pneumatic pumping equipment or it can be easily applied with a putty knife or trowel.

Installation Details

Install the applicable depth of backing material, if required, as detailed within the applicable UL, Intertek, FM or other third-party listed system. Cut the end of the 3M™ Fire Barrier Sealant CP 25WB+ tube spout to achieve the desired bead width when applying. Install the applicable depth of 3M™ Fire Barrier Sealant CP 25WB+ into the opening flush with the surface of the substrate, or as detailed within the applicable listed system, at the depth for the assembly and rating that is required. Tool within 5 minutes. Clean all tools immediately after use with water.

Limitations

Do not apply 3M™ Fire Barrier Sealant CP 25WB+ when surrounding temperature is less than 40°F (4°C) and in conditions where seals may be exposed to rain or water spray within 18 hours of application. Do not apply 3M™ Fire Barrier Sealant CP 25WB+ to building materials that bleed oil, plasticizers or solvent (e.g. impregnated wood, oil-based sealants, or green or partially vulcanized rubber). Do not apply 3M™ Fire Barrier Sealant CP 25WB+ to wet or frost-coated surfaces or to areas that are continuously damp or immersed in water.

NOTICE: This product is not acceptable for use with chlorinated polyvinylchloride (CPVC) pipes.

7. Maintenance

No maintenance should be required when installed in accordance with the applicable UL, Intertek, FM or other third-party listed system. Once installed, if any section of the 3M™ Fire Barrier Sealant CP 25WB+ is damaged, the following procedure will apply: remove and reinstall the damaged section in accordance with the applicable listed system, with a minimum 1/2 in. (12.7 mm) overlap onto the adjacent material.

8. Availability

3M™ Fire Barrier Sealant CP 25WB+ is available from 3M Authorized Fire Protection Products Distributors and Dealers. 3M™ Fire Barrier Sealant CP 25WB+ is available in 10.1 fl. oz. cartridges (12/case), 20.0 fl. oz. sausages (10/case), 27.0 fl. oz. cartridges (6/case), 2 gallon pails (1/case) and 5 gallon pails (1/case). For additional technical and purchasing information regarding this and other 3M Fire Protection Products, please call: 1-800-328-1687 or visit www.3m.com/firestop.

9. Safe Handling Information

Consult product's Material Safety Data Sheet (MSDS) prior to handling and disposal.

Important Notice to User:

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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.

Limitation of Liability: Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted.



Building and Commercial Services Division

3M Center, Building 223-2N-21
St. Paul, MN 55144-1000 USA
1-800-328-1687
www.3m.com/firestop

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3M Science.
Applied to Life.™



3M™ Fire Barrier Solutions

Tackle the toughest jobs in the business.

Firestop expertise that lets you build
with confidence.

Let's Build Smarter.

Smart solutions for smart builders.

In the U.S., a fire department responds to a fire every 24 seconds—and an average of seven people die in home fires every day.* Even though the toll of fires has declined the past two decades, fires continue to cause major losses.

New construction materials can be more prone to burning, making today's building structures burn faster than ever—and building codes globally are changing faster than ever too. It's why the products in the 3M™ Fire Barrier portfolio are designed to meet today's building codes—so you can build smartly and confidently.



Extensive Product Portfolio



Engineering Expertise



Proven Experience



Global Presence



Building Code Tested

*Source: <https://www.nfpa.org/News-and-Research/Publications-and-media/Press-Room/Reporters-Guide-to-Fire-and-NFPA/Consequences-of-fire>



Be in your element, no matter what the elements.

3M™ Fire Barrier solutions are designed for real world environmental elements that can impact your project. It's why many of our products are mold and fungi resistant and made to help protect against water, heat, cold and even rodent intrusion.

Wherever you are, we have you covered.

3M started inventing Fire Barrier products over 35 years ago, and we haven't slowed down since. We're constantly innovating and developing firestop products to meet the ever-changing demands of the construction industry around the world—wherever you are, we're right there with you.



Confidence included.

From sealants and foams to tapes and wraps, 3M has the proven through-penetration, construction joint and flexible wrap firestop solutions you need to build smarter.



Supporting you every step of the way.

Whether it's a simple or frustrating application, we're here to support your firestop installation from start to finish. Our Application Engineering team not only has deep knowledge of our products, but also unsurpassed expertise in the installation process. Whatever you're up against, they'll know how to help you ensure a successful application.



Tested and listed systems you can trust.

In your business, time is money. Select from our wide array of tested and listed systems to meet your application needs. We've designed our wide breadth of systems and products to meet the most stringent global fire test standards and building codes.



Above and beyond the fire barrier.

The superior performance of 3M™ Fire Barrier products is just the beginning of the story. Our website is designed to give you easy access to critical information needed in the construction and maintenance of buildings requiring passive fire protection.

Find the system for your application needs.

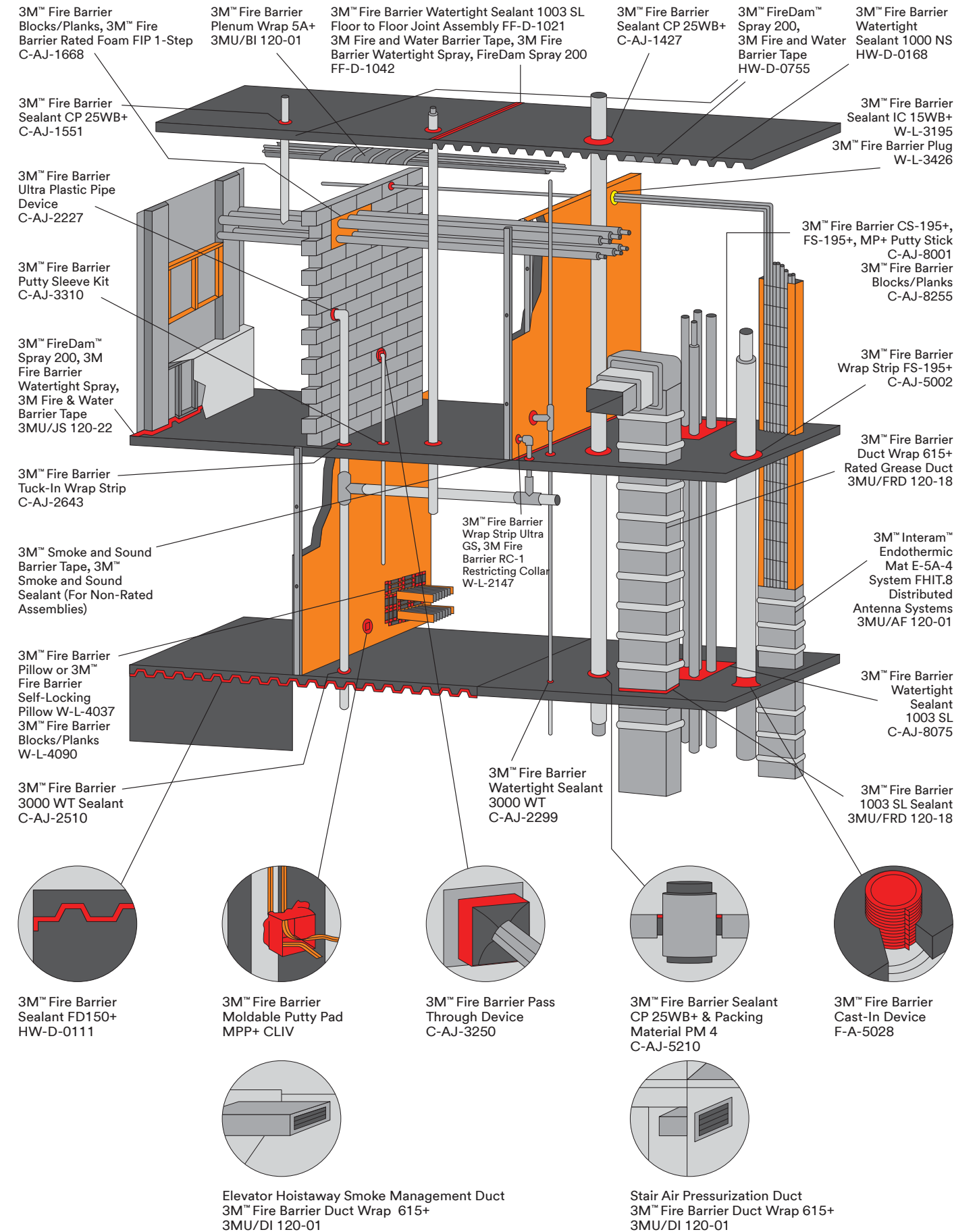
Use the 3M System Selector to quickly get a shortlist of suitable systems for your specific application.

Deliver important documentation with ease.

Access, select and combine your critical documents from multiple applications with the 3M Submittal Wizard. Easily create a single document for submittal to the authority having jurisdiction or the fire marshal.

Get training for the team on your terms.

Easily register for upcoming fire protection training from 3M. Training is offered at your site, our UL certified test center and online. The online learning management system is designed to provide users with general firestopping information and trade-specific installation details.



Firestop Sealants, Foams, Putties & Mortar



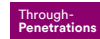
3M™ Fire Barrier Sealant CP 25WB+



- Premium intumescent latex sealant for use as a one-part fire, smoke, toxic gas sealant in a non-halogen formula
- STC rating of 54 when tested in a STC 54-rated wall assembly
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal)



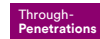
3M™ Fire Barrier Sealant IC 15WB+



- Intumescent latex sealant designed for use as a one-part fire, smoke, toxic gas sealant in a non-halogen formula
- CPVC compatible (check manufacturer's compatibility list before installing)
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal)



3M™ Fire Barrier Water Tight Sealant 3000 WT



- Premium one-part, intumescent silicone sealant for use in both through-penetration and construction joint applications—cures to form a flexible seal
- Forms an effective water barrier meeting the UL Water Leakage Test achieving a Class 1 W Rating in accordance with ANSI/UL 1479
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Silicone Sealant 2000+



- One-part, silicone sealant for use in both through-penetrations and construction joint applications—cures upon exposure to atmospheric humidity to form a flexible seal
- Remains elastomeric with +/-13% dynamic joint movement capability. Bonds to most common construction materials.
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479) and up to 4-hours in accordance with ASTM E1966 (UL 2079)



3M™ Fire Barrier Water Tight Sealant 1000 NS



- One-part, non-slump silicone sealant for use in both through-penetration and construction joint applications—cures to form a flexible seal
- Forms an effective water barrier meeting the UL Water Leakage Test achieving a Class 1 W Rating in accordance with ANSI/UL 1479
- Tested and listed for up to 3-hours in accordance with ASTM E814 (UL 1479), ASTM E1966 (UL 2079) and CAN/ULC S115



3M™ Fire Barrier Water Tight Sealant 1003



- One-part, self-leveling silicone sealant for use in both through-penetration and construction joint applications—cures to form a flexible seal
- Forms an effective water barrier meeting the UL Water Leakage Test achieving a Class 1 W Rating in accordance with ANSI/UL 1479
- Tested and listed for up to 3-hours in accordance with ASTM E814 (UL 1479), ASTM E1966 (UL 2079) and CAN/ULC S115



3M™ Fire Barrier Sealant FD 150+



- Acrylic latex-based sealant offering an economical alternative to firestopping metal pipes or cables through concrete or gypsum, and in dynamic head-of-wall systems
- Tested and listed for construction joints up to 4-hours in accordance with ASTM E1966 (UL 2079) and CAN/ULC S115
- Tested and listed for through-penetrations up to 3-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal).



3M™ Smoke and Sound Sealant SS 100



- Economical, ready to use, gun-grade, elastomeric sealant that dries to form a monolithic flexible seal that helps prevent unwanted noise infiltration and mitigates the spread of smoke and toxic gas during a fire
- ±10% movement capability
- Sag-resistant formulation
- Paintable



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 2000°F (1093°C)
- Easy clean up with water
- Will not sag or run in vertical or overhead applications



3M™ Fire Block Foam FB-Foam



- Durable polyurethane foam that is heat resistant up to 240°F (115°C)
- Expands up to 200% in volume upon dispensing to quickly and effectively seal openings
- Draftstop—helps reduce air infiltration
- Tested to ASTM E84 (modified) as a Type V Residential Fireblock



3M™ Fire Barrier Rated Foam FIP 1-Step



- Two-part urethane, smoke, sound and firestopping foam designed to expand up to 5 times in volume after dispensing
- STC rating of 57 when tested in a STC 57-rated wall assembly
- Tested and listed up to 2-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Moldable Putty Pads MPP+



- One-part, ready to use, intumescent putty pad used in various fire-rated assemblies, such as electrical box protection and wall openings
- Provides draft and cold smoke seal, helps reduce noise transfer
- Excellent adhesion to a wide range of construction materials
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Moldable Putty Stix MP+



- One-part, ready-to-use, re-enterable, intumescent putty stick that can be easily formed to firestop through-penetrations and blank openings in fire-rated assemblies
- Provides draft and cold smoke seal
- STC-rating of 56 when tested in STC 56-rated wall assembly
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Mortar



- Lightweight non-structural cementitious firestop product with variable mix ratios for use in through-penetration applications
- 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
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115

Firestop Sprays



**3M™ FireDam™
Spray 200**

- Latex-based flexible, sprayable, water-based coating that dries in ambient conditions to form a flexible seal. For use in dynamic head-of-wall and curtain wall systems.
- Tested and listed for perimeter joints (curtain wall) and construction joints for up to 3-hours in accordance with ASTM E1966 (UL 2079), ASTM E2307 and CAN/ULC S115
- Tested and listed for through-penetrations for up to 2-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal).



**3M™ Fire Barrier
Watertight Spray**

- A sprayable, moisture-curing hybrid siliconized polymer that forms a tough, elastomeric coating used to firestop perimeter joints (curtain wall) and construction joints
- Tested and listed for perimeter joints (curtain wall) and construction joints for up to 3-hours in accordance with ASTM E1966 (UL 2079), ASTM E2307 and CAN/ULC S115



Firestop Pillows, Blocks, Planks, Plugs & Composite Sheets



3M™ Fire Barrier Pillows

- Self-contained, graphite free highly-intumescent products designed to firestop a wide variety of through-penetrations including cable trays, conduit and blank openings
- L-Rating (smoke seal) achievable when used in conjunction with 3M™ Fire Barrier Moldable Putty
- Easy retrofit: remove and reuse pillows as needed
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



**3M™ Fire Barrier
Self-Locking Pillows**

- Self-contained, graphite free highly-intumescent products 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
- L-Rating (smoke seal) achievable when used in conjunction with 3M™ Fire Barrier Moldable Putty
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



**3M™ Fire Barrier Blocks,
Plugs and Planks**

- Pre-formed foam compressable units designed for easy installation to effectively seal medium to large openings in wall and floor through-penetrations against smoke, toxic gas and flame. Plugs are designed for up to 5 in. diameter openings.
- No cure time means faster installation
- Installation requires no special tools
- Can be sealed with 3M™ Fire Barrier Rated Foam FIP 1-Step and other 3M™ Fire Barrier Sealants (sold separately)
- Tested and listed up to 2-hours in accordance with ASTM E814 (UL 1479)



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

- Intumescent sheet used to firestop large openings. Seals penetrations against flame spread, smoke and toxic gases.
- Multiple applications including blank openings, through-penetrations of multiple cable, pipe ducts, bus ducts and cable trays
- Bonded on one side to a layer of 28-gauge galvanized steel. The other side is reinforced with hexagonal shaped steel-wire mesh and covered with an aluminum foil scrim.
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



Fire & Water, Smoke & Sound Tapes



**3M™ Fire and Water
Barrier Tape FWBT**

- A self-adhered membrane that provides a tough, elastomeric coating. Unique pressure sensitive adhesive that aggressively sticks and stays stuck to a wide variety of dry or damp substrates at both high and low temperatures.
- Elastic material maintains performance with up to ±50% movement capabilities
- Can be installed in temperatures as low as 0°F (18°C) and as high as 120°F (49°C)
- Tested and listed up to 4-hours in construction joints in accordance with ASTM E1966 (UL 2079) and CAN/ULC S115, 3-hours in perimeter joints per ASTM E2307, and 2-hours in through-penetrations in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



**3M™ Smoke and
Sound Tape SST**

- Provides a smoke and sound seal for construction joints and through-penetrations in non-fire rated wall and floor assemblies, including smoke partitions and acoustic assemblies. When installed properly, this material provides a smoke seal to mitigate the spread of smoke and toxic gas as well as help reduce the transmission of sound.
- Elastic material maintains performance with up to ± 50% movement capabilities
- L-rating of less than 1 CFM/linear foot at ambient and 400°F (204°C)
- High tack adhesive sticks and stays stuck to most common building materials—exceeds the AAMA 711 minimum for adhesion in peel
- Can be installed in temperatures as low as 0°F (18°C) and as high as 120°F (49°C)



Firestop Devices & Wrap Strips



**3M™ Fire Barrier Cast-In
Devices and Accessories**

- Devices installed prior to the concrete pour attaching directly to the wood forms or fluted metal decking creating a firestop sleeve for pipes
- Color coded caps, retainers and labels allow quick identification of device type (white for plastic and black for metal)
- Easily adjustable bodies that can be adapted to concrete height from 2-1/2 in. to 8 in. (thicker pours can be accommodated with height adapter)
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479)



**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
- Available for use with 2 in., 3 in., 4 in. and 6 in. 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 in. concrete thickness
- Designed to accommodate pipe sizes from 1-1/2 in. to 6 in.
- Easily snaps into place—no additional fastening required
- Available for use with 2 in., 3 in., 4 in. and 6 in.



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

- Fastens to a 2 in. metallic 3M™ Fire Barrier Cast-In Device and creates a void for plumbing access
- Easily snaps into place and then attaches directly to wood forms
- Accommodates 1-1/2 in. and 2 in. pipe



Firestop Devices & Wrap Strips (cont.)



3M™ Fire Barrier Putty Sleeve Kits

- These kits offer an affordable and re-enterable solution to meet firestop codes for the installation of cable and blanks in both new or retrofit applications. Ready-to-install kit with all items needed for a complete cable or blank firestop installation.
- One-piece, hinged metal enclosure makes installations fast and easy
- Blank sleeve (0% cable fill) accommodates future cable installation
- Two-piece split/hinged design for easy retrofit installation on existing cables
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479)

Through-Penetrations



3M™ Fire Barrier Pass-Through Devices

- One-piece, hinged metal enclosure, firestop device that creates a dedicated space for electrical, voice, data, telecom wires and pipes
- Blank to multiple penetrants tested (0 to 100% fillable)
- Re-enterable for addition and removal of cables
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479)

Through-Penetrations



3M™ Fire Barrier Pass-Through Mounting Bracket

- Used in conjunction with 3M™ Fire Barrier Pass-Through Devices, these metal brackets support and strengthen firestop through-penetration installations

Through-Penetrations



3M™ Fire Barrier Foam Plugs

- Pre-formed foam plugs used in conjunction with 3M™ Fire Barrier Pass-Through Devices
- Seals openings against smoke, toxic gas and flame
- Help reduce sound transmission
- Easy to install

Through-Penetrations



3M™ Fire Barrier Ultra Plastic Pipe Device 3M™ Fire Barrier Plastic Pipe Device 3M™ Ultra Fast Anchors

- 3M™ Fire Barrier Ultra Plastic Pipe Devices are one-piece metal collar assemblies encasing heat expanding, 3M™ Ultra GS intumescent material. These devices are used for new and retrofit installations and will accommodate 1-1/2 in., 2 in., 3 in. and 4 in. pipes.
- Ultra-fast anchoring system (optional)
- The 3M™ Fire Barrier Plastic Pipe Device utilizes 3M™ Fire Barrier Wrap FS-195+ intumescent material and will accommodate 6 in. plastic pipes
- These devices firestop ccPVC, PVC, CPVC, FRPP, PVDF, ccABS and ABS pipes, cables or combos penetrating 1- and 2-hour floor/ceiling assemblies, as well as 1-, 2- and 3-hour fire-rated gypsum wallboard and fire-rated concrete wall, floor or hollow core assemblies. The devices are ideal for application in drain, waste and vent or closed pipe systems.

Through-Penetrations



3M™ Fire Barrier Ultra GS Wrap Strip

- Flexible intumescent wrap strip designed to firestop plastic pipe penetrations in fire-rated walls, floors and floor/ceiling assemblies
- Excellent flexibility and versatility
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL1479)

Through-Penetrations



3M™ Fire Barrier Wrap Strip FS-195+

- Graphite free wrap strip designed to firestop difficult through-penetrations such as plastic pipe, insulated pipe and cables
- When exposed to heat, this flexible, rubber-like strip intumesces, expanding up to ten times its original volume, forming a hard char to prevent the migration of fire, smoke and toxic gas
- Tested and listed up to 4-hours in accordance with ASTM E814 (UL 1479)

Through-Penetrations



3M™ Fire Barrier Tuck-In Wrap Strips and Rolls

- Designed to firestop plastic pipe penetrations through fire-rated floors and walls. The flexible intumescent strip wraps around the pipe and easily slides into the annular space.
- Top-side concrete floor installations help eliminate the need for steel retaining collars and most other bottom-side installation equipment and materials
- Adhesive-backed label for quick installation
- Ready-to-install 3/16 in. thick x 2-1/2 in. wide wrap strips: available in 8.2 ft. rolls or strips precut to length for 2 in., 3 in. and 4 in. non-metallic pipes
- Tested and listed up to 3-hours in accordance with ASTM E814 (UL 1479)

Through-Penetrations



3M™ Fire Barrier RC-1 Restricting Collar

- Works in conjunction with 3M™ Fire Barrier FS-195+ Wrap Strip and 3M™ Fire Barrier Ultra GS Wrap Strip
- 28-gauge steel

Through-Penetrations



3M™ Expanrol™ Flexible Intumescent Strip E-FIS

- Flexible, intumescent strip that expands when heated to seal around objects exposed to fire
- Ideal for door frames, glazing, safes and can be used to address thermal runaway
- Expansion rate of up to 10X
- Tested in accordance with ASTM D-412-83, ASTM E84-94, ASTM C 518, DIN 4102 Teil 1, DIN 50017, DIN 50018, DIN 50021. UL 94 Flame Rating V-0

Through-Penetrations

Fire Barrier Wraps & Mats



3M™ Fire Barrier Dryer Ventilation Wrap

- Flexible, insulative, ceramic fiber wrap for domestic kitchen, bath and dryer exhaust ventilation
- Firestop tested and listed for up to 1-hour for fire protection of dryer vent ducting systems in accordance with ASTM E2816 Condition B

Wraps



3M™ Fire Barrier Plenum Wrap 5A+

- Flexible, insulative, ceramic fiber wrap
- Provides a flexible, non-combustible enclosure for cables and pipes in return air plenums
- Tested and listed in accordance with NFPA 262, UL 910, flammability test, UL 1887 and ASTM E84

Wraps



3M™ Fire Barrier Duct Wrap 615+

- Flexible, insulative, ceramic fiber wrap
- Used in conjunction with 3M Fire Barrier sealants to achieve up to 2-hour equal F and T Ratings per ASTM E814 and UL 1479
- Tested and listed in accordance with ASTM E2336 Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems and ISO 6944-1985 Fire Resistance Tests-Ventilation Ducts

Wraps



3M™ Interam™ Endothermic Mat E-5A-4

- Flexible, endothermic, heat-absorbing mat
- Can be used to wrap electrical/data cables, structural steel, large electrical boxes in commercial and industrial applications including oil and gas refineries
- Tested in accordance with ASTM E119, ASTM E1725, ASTM E1529, UL 263, UL 1709, and UL 1479

Wraps

Fire Barrier Wraps & Mats (cont.)



3M™ Aluminum Foil Tape 425

Wraps

- Used to seal cut edges of 3M™ Interam™ Endothermic Mat E-5A-4 in order to complete total encapsulation



3M™ FSK Facing Tape 1525CW

Wraps

- A conformable tape used to seal cut edges of 3M™ Fire Barrier Duct Wrap and 3M™ Fire Barrier Plenum Wrap in order to complete total encapsulation
- 3M acrylic adhesive performs in extreme temperatures



Find out how 3M Fire Barrier Solutions can help you build smarter.
Visit [3M.Com/firestop](https://www.3m.com/firestop) or contact your 3M representative at 1-800-328-1687.



3M Industrial Adhesives and Tapes Division
Building 225-3S-06
St. Paul, MN 55144-1000

Phone 1-800-328-1687
Web [3M.com/Firestop](https://www.3m.com/Firestop)

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