

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 over 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>

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.





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 mould and fungi resistant and made to help protect against water, heat, cold and even rodent intrusion.

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.



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.

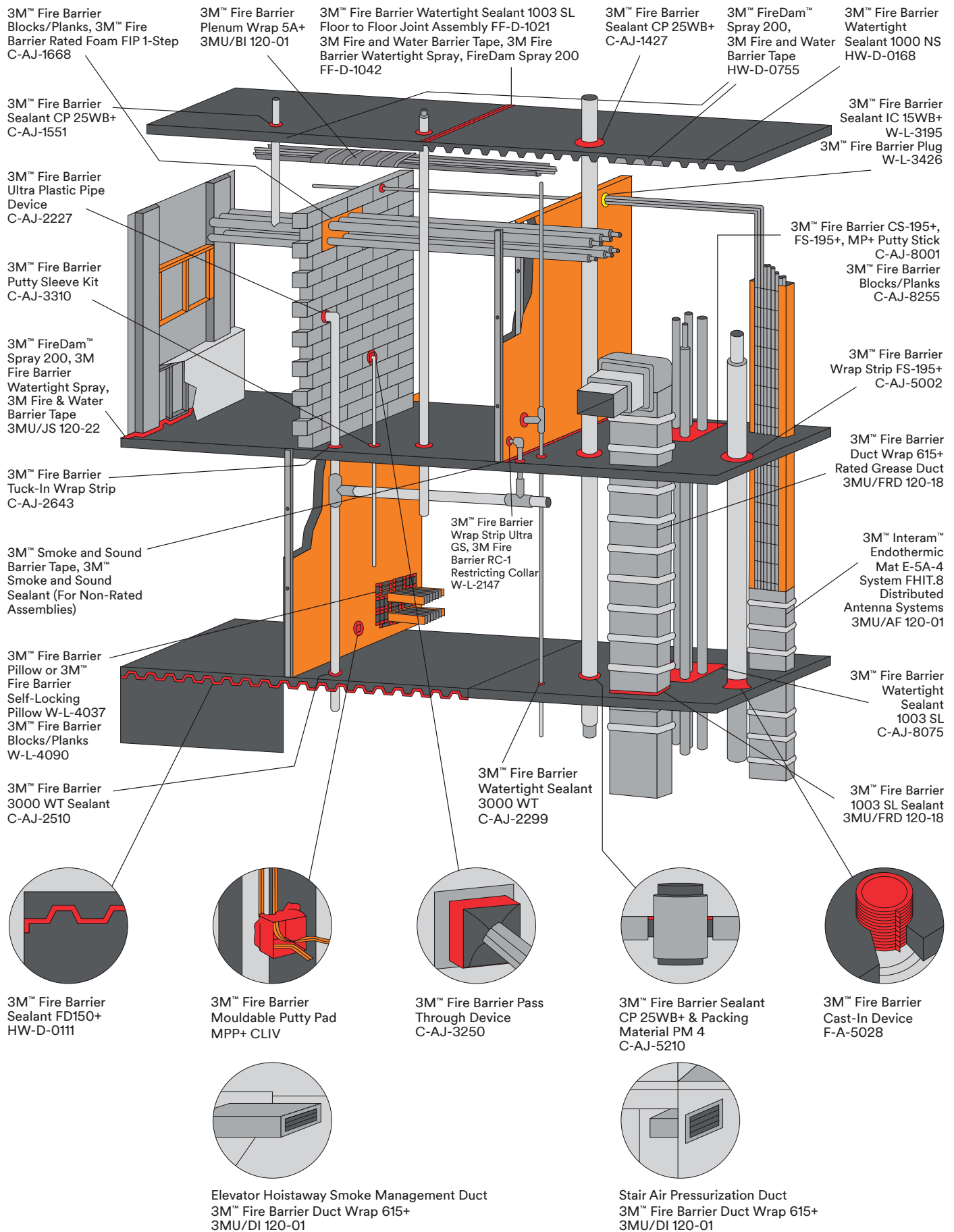
Deliver important documentation with ease.

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 centre 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+

Penetrations

- 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 four hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal)



3M™ Fire Barrier Sealant IC 15WB+

Penetrations

- 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 three 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

Construction Joints

Penetrations

- 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 four hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Silicone Sealant 2000+

Construction Joints

Penetrations

- 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 three hours in accordance with ASTM E814 (UL 1479) and up to four hours in accordance with ASTM E1966 (UL 2079)



3M™ Fire Barrier Water Tight Sealant 1000 NS

Construction Joints

Penetrations

- 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 three hours in accordance with ASTM E814 (UL 1479), ASTM E1966 (UL 2079) and CAN/ULC S115



3M™ Fire Barrier Water Tight Sealant 1003 SL

Construction Joints

Penetrations

- One-part, self-levelling 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 three hours in accordance with ASTM E814 (UL 1479), ASTM E1966 (UL 2079) and CAN/ULC S115



3M™ Fire Barrier Sealant FD 150+

Penetrations

- 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 four hours in accordance with ASTM E1966 (UL 2079) and CAN/ULC S115
- Tested and listed for through-penetrations up to three hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal).



3M™ Smoke and Sound Sealant SS 100

Not for Fire-Rated Constructions

- 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

Not for Fire-Rated Constructions

- 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

Not for Fire-Rated Constructions

- 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

Penetrations

- 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 two hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Mouldable Putty Pads MPP+

Penetrations

- One-part, ready to use, intumescent putty pad used in various fire-rated assemblies, such as electrical box protection and wall openings
- Approved for sound transmission class (STC) rating 62 in a 62 wall
- Excellent adhesion to a wide range of construction materials
- Tested and listed up to four hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Electrical Box Insert

Penetrations

- All-in-one design, no stud cavity insulation or other additional fire protection products required
- Pre-cut slits for easy access to wiring during installation
- Great for both retrofit and new construction applications
- Approved for sound transmission class (STC) rating 62 in a 62 wall
- Tested and listed to UL 1479 to restore the rating of fire-rated walls for penetrations involving electrical boxes



3M™ Fire Barrier Mouldable Putty Stix MP+

Penetrations

- One-part, ready-to-use, re-enterable, intumescent putty stix that can be easily formed to firestop through-penetrations and blank openings in fire-rated assemblies
- Provides draft and cold smoke seal
- Approved for sound transmission class (STC) rating 56 in a 56 wall
- Tested and listed up to four hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



3M™ Fire Barrier Mortar

Penetrations

- Lightweight non-structural cementitious firestop product with variable mix ratios for use in through-penetration applications
- Variable mix ratio: permits self-levelling as well as no-sag (no forming) application consistencies, resulting in labour savings
- Excellent adhesion: will bond to concrete, metals, wood, plastic and cable jacketing
- Tested and listed up to three hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115

Firestop Sprays



**3M™ FireDam™
Spray 200**

Construction
Joints

Penetrations

- 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 three hours in accordance with ASTM E1966 (UL 2079), ASTM E2307 and CAN/ULC S115
- Tested and listed for through-penetrations for up to two hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115. Provides L-Rating (smoke seal).



**3M™ Fire Barrier
Watertight Spray**

Construction
Joints

- 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 three 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

Penetrations

- 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 Mouldable Putty
- Easy retrofit: remove and reuse pillows as needed
- Tested and listed up to three hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



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

Penetrations

- 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 Mouldable Putty
- Tested and listed up to three hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115



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

Penetrations

- 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 two hours in accordance with ASTM E814 (UL 1479)



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

Penetrations

- 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 aluminium foil scrim.
- Tested and listed up to four hours in accordance with ASTM E814 (UL 1479) and CAN/ULC S115

Fire & Water Tapes



3M™ Fire and Water Barrier Tape FWBT

Construction Joints

Penetrations

- 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 four hours in construction joints in accordance with ASTM E1966 (UL 2079) and CAN/ULC S115, three hours in perimeter joints per ASTM E2307, and two hours in through-penetrations in accordance with ASTM E814 (UL 1479) and CAN/ULC S115

Firestop Devices & Wrap Strips



3M™ Fire Barrier Cast-In Devices and Accessories

Penetrations

- Devices installed prior to the concrete pour attaching directly to the wood forms or fluted metal decking creating a firestop sleeve for pipes
- Colour 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 three hours in accordance with ASTM E814 (UL 1479)



3M™ Fire Barrier Cast-In Metal Deck Adapter

Penetrations

- 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

Penetrations

- Designed to accommodate pipe sizes from 1 1/2 in. to 6 in.
- Easily snaps into place – no additional fastening required
- Available for use in 2 in., 3 in., 4 in., and 6 in. 3M™ Fire Barrier Cast-In Devices



3M™ Fire Barrier Cast-In Tub Box Assembly

Penetrations

- 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

Penetrations

- 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 four hours in accordance with ASTM E814 (UL 1479)



3M™ Fire Barrier Pass-Through Devices

Penetrations

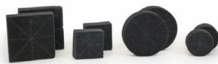
- One-piece, hinged metal enclosure, firestop device that creates a dedicated space for electrical, voice, data, telecom wires and pipes
- Blank to multiple penetrants tested (0 to 100% fillable)
- Re-enterable for addition and removal of cables
- Tested and listed up to four hours in accordance with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



3M™ Fire Barrier Pass-Through Mounting Bracket

Penetrations

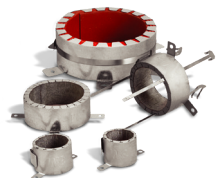
- Used in conjunction with 3M™ Fire Barrier Pass-Through Devices, these metal brackets support and strengthen firestop through-penetration installations



3M™ Fire Barrier Foam Plugs

Penetrations

- 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



3M™ Fire Barrier Ultra Plastic Pipe Device

3M™ Fire Barrier Plastic Pipe Device

3M™ Ultra Fast Anchors

Penetrations

- 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, FRPP, PVDF, ccABS and ABS pipes, cables or combos penetrating one- and two-hour floor/ceiling assemblies, as well as one-, two- and three-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.
- Tested up and listed up to four hours in accordance with ASTM E814 (UL1479)



3M™ Fire Barrier Ultra GS Wrap Strip

Penetrations

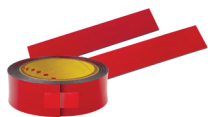
- Flexible intumescent wrap strip designed to firestop plastic pipe penetrations in fire-rated walls, floors and floor/ceiling assemblies
- Excellent flexibility and versatility
- Tested and listed up to four hours in accordance with ASTM E814 (UL1479)



3M™ Fire Barrier Wrap Strip FS-195+

Penetrations

- 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 four hours in accordance with ASTM E814 (UL 1479)



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

Penetrations

- 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 3 in. and 4 in. non-metallic pipes
- Tested and listed up to three hours in accordance with ASTM E814 (UL 1479)



3M™ Fire Barrier RC-1 Restricting Collar

Penetrations

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



3M™ Expantrol™ Flexible Intumescent Strip E-FIS

Penetrations

- Flexible, graphite-free 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

Fire Barrier Wraps & Mats



3M™ Fire Barrier Dryer Ventilation Wrap

Wraps

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



3M™ Fire Barrier Plenum Wrap 5A+

Wraps

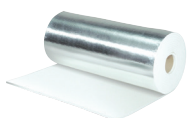
- Flexible, insulative, ceramic fibre wrap
- Provides a flexible, non-combustible enclosure for cables and pipes in return air plenums
- Tested and listed in accordance with NFPA 262, UL 910, flammability test, UL 1887 and ASTM E84



3M™ Fire Barrier Duct Wrap 615+

Wraps

- Flexible, insulative, ceramic fibre wrap
- Used in conjunction with 3M Fire Barrier sealants to achieve up to two-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

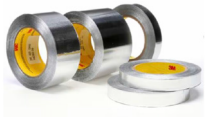


3M™ Interam™ Endothermic Mat E-5A-4

Wraps

- Flexible, endothermic, heat-absorbing mat
- Can be used to wrap electrical/data cables, structural steel, large electrical boxes in commercial and industrial applications for use in both indoors and outdoor environments
- Tested in accordance with ASTM E119, ASTM E1725, ASTM E1529, Wraps UL 263, UL 1489, UL 1709, UL 1479, and UL 2431

Fire Barrier Wraps & Mats (cont.)



**3M™ Aluminium
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 Specialties Division
3M Canada
London, ON N6A 4T1
1-800-3M-HELPS
www.3M.ca

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