Innovative products and solutions for life safety and code compliance.
For over 25 years, Specified Technologies Inc. has worked closely with the construction industry to create simple solutions to complex firestopping problems across a broad range of market segments and industries worldwide.

We offer the most comprehensive range of firestop products on the market and back them with the most UL® tested systems in the business—over 1,400—from penetration firestop systems and perimeter barrier solutions to static and dynamic construction joints.

Because firestopping is our exclusive focus, we have been at the forefront of developing the most advanced and cost-effective firestop solutions on the market. STI Firestop is committed to supporting customers by providing sustainable firestop solutions, treating them like partners, and by consistently adding value beyond the sale.

You can depend on STI to provide expert advice, superior performance, premium quality products, best-in-class service, and training and support while delivering a total firestop solution.

*STI has more UL® Certified perimeter fire-containment systems than all other suppliers combined. Source: UL Directory as of 1/2019

**Notable projects**

- One World Trade Center, New York, NY
- Comcast Tower, Philadelphia, PA
- All Star Headquarters, Abu Dhabi
- Petronas Twin Towers, Kuala Lumpur, Malaysia
- Cern-Meyrin, Switzerland
- Barclays Center, Brooklyn, NY
- Boeing Aircraft, Renton, WA
- Parkland Memorial Hospital, Dallas, TX
- Stanford University, Palo Alto, CA

**Global presence**

STI has offices and representation throughout the United States, Canada, Europe, the Middle East, India, China, Southeast Asia, and Latin America. We partner with over forty independent rep agencies and work with over 1,000 distribution outlets worldwide, providing extensive international coverage and offering our customers the personal attention they deserve.
STI’s engineering service experts are ready to help you optimize productivity during design, construction, and post-construction. They work in conjunction with our world-renowned engineering team, offering solutions to complex firestopping problems to help you ensure code compliance.

- **Research & Development**
  STI’s philosophy is solely focused on firestop innovation. It’s all we do. Our engineering development team consistently pushes the envelope to develop new sustainable products and systems to enhance life safety protection.

- **On-site Fire Lab**
  STI is a UL® Approved testing facility equipped with a state-of-the-art environmentally friendly burn furnace. Tests are performed on a consistent basis in order to quickly develop new products and standards for the firestop industry.

- **Engineering Services Team**
  The largest resource of firestop experts in the industry under one roof that deliver timely solutions for:
  - Engineering judgments
  - Custom firestop training
  - Project plan review
  - Documentation for AHJ’s
  - Technical inquiries & LEED letters
  - Specification review
  - Building Information Modeling (BIM)
  - Upfront detail sheet generation

> Generate a Customized LEED® Credit Letter for submission in any project.

> Generate a selection of firestop system details on a CAD detail sheet.
Find firestop solutions by application

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Find the products designed for the work you do.
For your convenience every product in this guide lists its features and benefits, test standards and approvals, and illustrates common applications. If you have any questions, don’t hesitate to give us a call at 800-992-1180 ext 1.

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STI understands the complexities of data and communication cabling distribution in the built environment. We provide end-to-end fire and smoke sealing solutions that alleviate the headaches associated with firestopping methods.
The Smart Choice.

EZ-Path® saves time, money, and resources by removing ongoing downstream costs.

Only EZ-Path® helps you avoid citations and costs associated with non-compliance. Other sleeves require constant upkeep, ongoing maintenance, and inspection to ensure compliance.

You can never be certain that other sleeves have been activated, plugs and putty have been replaced, or that they have been properly sealed to meet codes. And now that The Joint Commission mandates 60 DAY RFIs (Requirements for Improvement) for survey deficiencies—ongoing code compliance is more important than ever.

Annual inspection and maintenance of firestop systems is required by code.

An Evaluation Service Report (ESR)* was issued on May 20, 2016 by UL® for EZ-Path® Fire-Rated Pathways confirming code compliance with the International Building Code® (IBC), International Fire Code® (IFC), and NFPA 101, “Life Safety Code®” (LSC). The report goes on to confirm that, when properly installed—EZ-Path® Pathways are exempt from ongoing maintenance.

Unlike other sleeves, EZ-Path® has no moving parts and requires no action to activate the internal sealing mechanism—making it the only rated firestop device that is compliant right out of the box.

The Only Maintenance-Free Pathway.

EZ-Path® Fire-Rated Pathways do not require regular maintenance...

Evaluation Service Report
Underwriters Laboratory

Most cable penetrations were found to be out of compliance except for EZ-Path.®

Global Fire Protection
Inspections Department

The Only Pathway that Pays for Itself.

Other sleeves incur enormous ongoing costs over the lifecycle of the building.

EZ-Path® offers the ultimate in flexibility and can virtually eliminate fines due to non-compliance, increasing your savings over and over again. EZ-Path® is a fully sustainable cable pathway solution for the lifetime of your building.

- Ends downstream maintenance & inspection costs
- Eliminates ongoing fire & smoke sealing costs
- Allows remote cable pulls through multiple barriers
- Reduces unnecessary trips above the ceiling
- Limits liability & decreases exposure to pathogens

“Over its lifecycle, EZ-Path® pays for itself many times over.”

Jeff Combs
Fire Marshal, Major U.S. Medical System

The Logical Solution for You.

For Contractors and Maintenance Professionals.

Concerns about failing inspections become a thing of the past with EZ-Path®. The system is easy to visually inspect and is ideal for both new construction and existing conditions.

For the Health Care Professional.

Infection control is paramount in healthcare facilities. EZ-Path® minimizes the spread of hospital-acquired infections (HAIs) by reducing or eliminating trips above the ceiling to unseal, reseal, or adjust equipment of any kind.

For the Owner.

EZ-Path® eliminates downstream labor costs with the use of pull strings inside the EZ-Path® devices, for easy cable MAC work from remote locations—saving you time and money over the life cycle of the building.

For Architects, Consultants, Specifiers, and RCDDs.

EZ-Path® provides you with a complete solution to help protect the legacy of your project. Whether it’s the engineered aesthetics, the robust design, the dynamic features, the ability to “future-proof” the design, or the unparalleled performance—EZ-Path® has you covered.

For the Cable Installer and IT / ICT Professional.

Recognized as best practice by trade professionals, EZ-Path® protects your network. Maintain compliance while navigating the demands of perpetually evolving floor, wall, and ceiling penetrations that result from equipment expansions and technology upgrades. Easy to install with nothing to maintain, EZ-Path® lets you execute continuous cable pulls while allowing your network to run at peak performance.

Over its lifecycle, EZ-Path® pays for itself many times over.
Applications

- **Smoke & acoustical pathway**
  For non-fire-rated walls

- **Grommets**
  For single-cable applications

- **EZ-Path multigang solutions**
  For space-saving vertical & horizontal applications

- **EZDR Retrofit Device**
  For overfilled sleeves

- **Smaller footprint**
  For greater cable capacity compared to traditional methods

- **0-100% cable fill**
  Self sealing & always compliant

- **EZ cable pull**
  For easier moves, adds, & changes

- **Extensions**
  For thicker walls

---

**Applications**

**Smoke & Acoustical Pathway**
- For non-fire-rated walls

**Grommets**
- For single-cable applications

**EZ-Path Multigang Solutions**
- For space-saving vertical & horizontal applications

**EZDR Retrofit Device**
- For overfilled sleeves

**Smaller Footprint**
- For greater cable capacity compared to traditional methods

**0-100% Cable Fill**
- Self sealing & always compliant

**EZ Cable Pull**
- For easier moves, adds, & changes

**Extensions**
- For thicker walls
### Specifications

<table>
<thead>
<tr>
<th>EZ-Path Product</th>
<th>Height x Width (Inches)</th>
<th>Length (Inches)</th>
<th>Volume Expansion</th>
<th>Can be Gauged</th>
<th>Can be Lengthened</th>
<th>Insert into Corrugated Hole</th>
<th>Attached to Conduit</th>
<th>Fire Rating in Walls</th>
<th>Fire Rating in Floors</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFG1</td>
<td>9/16 in. diam. (14 mm)</td>
<td>1-5/8 in. (41,3 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>RFG2</td>
<td>1 in. diam. (25 mm)</td>
<td>1-5/8 in. (41,3 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>1 in. (25 mm)</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Series 22</td>
<td>1-1/2 in. x 1-1/2 in.</td>
<td>1-5/8 in. (38 mm x 38 mm)</td>
<td>—</td>
<td>—</td>
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<td>—</td>
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</tr>
<tr>
<td></td>
<td>10-1/2 in. (287 mm)</td>
<td>2 in. (51 mm)</td>
<td>30X</td>
<td>—</td>
<td>—</td>
<td>2 in. (2-9/16 in. or 2-3/8 in. O.D.)</td>
<td>YES</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 in. (40 mm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Up to 4 hours</td>
<td>Up to 4 hours</td>
</tr>
<tr>
<td>Series 33</td>
<td>3-1/2 in. x 5-1/2 in.</td>
<td>4 in. (76 mm x 76 mm)</td>
<td>14 in. (356 mm)</td>
<td>15X</td>
<td>—</td>
<td>6 in. (152 mm) increments</td>
<td>YES</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>3 in. x 3 in. (19 mm x 19 mm)</td>
<td>8 in. (203 mm x 203 mm)</td>
<td>15X</td>
<td></td>
<td></td>
<td>4 in. (102 mm)</td>
<td>4 in. (102 mm)</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 in (152 mm)</td>
<td></td>
<td></td>
<td></td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Series 44+</td>
<td>7-1/2 in. x 7-1/2 in.</td>
<td>4 in. (105 mm x 105 mm)</td>
<td>4 in. (102 mm)</td>
<td>15X</td>
<td>—</td>
<td>6 in. (152 mm) increments</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>5 in. x 5 in. (127 mm x 127 mm)</td>
<td>8 in. (203 mm x 203 mm)</td>
<td>15X</td>
<td></td>
<td></td>
<td>4 in. (102 mm)</td>
<td>4 in. (102 mm)</td>
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<td>—</td>
</tr>
<tr>
<td>Series 33NEZ</td>
<td>5 in. x 5 in. (127 mm x 127 mm)</td>
<td>8 in. (203 mm x 203 mm)</td>
<td>15X</td>
<td></td>
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<td>—</td>
<td>—</td>
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<td>—</td>
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<tr>
<td>Series 33NEZ Ceiling</td>
<td>5 in. overall (Range: 4-3/8 in. to 127 mm)</td>
<td>8 in. (203 mm x 203 mm)</td>
<td>15X</td>
<td></td>
<td></td>
<td>—</td>
<td>—</td>
<td>—</td>
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</tbody>
</table>

### Series 44+ Fire-Rated Pathway

The EZ-Path® Series 44+ Fire-Rated Pathway is a maintenance-free pathway solution designed for high cable volume conditions through fire-rated walls and floors. The Series 44+ incorporates self-sealing intumescent pads that automatically adjust to the installed cable fill without the need for user manipulation. Under fire exposure, the intumescent pads expand and swell, restricting the passage of smoke and flame.

#### Features & Benefits:
- Self-Sealing design provides exceptional fire and smoke leakage ratings
- Allows for easy moves, adds, and changes
- Designed for new and existing conditions
- Variety of accessories available for any field condition
- Modular grid system for riser applications
- Greatest achievable cable density of any solution on the market

### UPC# 730573

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CASE QTY (min)</th>
<th>Single Pathway - Full kit</th>
<th>DEVICE/PLATES</th>
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</thead>
<tbody>
<tr>
<td>00100</td>
<td>EZ44S2</td>
<td>4</td>
<td>DEVICE</td>
</tr>
<tr>
<td>00106</td>
<td>EZ344RS2</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00144</td>
<td>EZP144W</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00107</td>
<td>EZ344RS4</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00148</td>
<td>EZP144RS</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
</tbody>
</table>

### UPC# 730573

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CASE QTY (min)</th>
<th>Single Pathway Installation Through Walls</th>
<th>DEVICE/PLATES</th>
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<tbody>
<tr>
<td>00100</td>
<td>EZ44S2</td>
<td>4</td>
<td>DEVICE</td>
</tr>
<tr>
<td>00106</td>
<td>EZ344RS2</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00144</td>
<td>EZP144W</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00107</td>
<td>EZ344RS4</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00148</td>
<td>EZP144RS</td>
<td>1</td>
<td>DEVICE/PLATES</td>
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### UPC# 730573

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CASE QTY (min)</th>
<th>Single Pathway Installation Through Walls With Existing Cables</th>
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<td>DEVICE</td>
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<tr>
<td>00106</td>
<td>EZ344RS2</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00144</td>
<td>EZP144W</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00107</td>
<td>EZ344RS4</td>
<td>1</td>
<td>DEVICE/PLATES</td>
</tr>
<tr>
<td>00148</td>
<td>EZP144RS</td>
<td>1</td>
<td>DEVICE/PLATES</td>
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</table>

### UPC# 730573

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>CASE QTY (min)</th>
<th>Multiple or Ganged Installation Options for Walls</th>
<th>PLATES</th>
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<tbody>
<tr>
<td>00244</td>
<td>EZP544W</td>
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</tr>
<tr>
<td>00246</td>
<td>EZP544BD</td>
<td>8</td>
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<tr>
<td>00248</td>
<td>EZP544W</td>
<td>8</td>
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<tr>
<td>00257</td>
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<tr>
<td>00257</td>
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### Vertical Cable Solutions

**Vertical Specialty Options**

<table>
<thead>
<tr>
<th>UPCA</th>
<th>ITEM NO.</th>
<th>CASE QTY (mm)</th>
<th>DEVICE / PLATES</th>
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<tbody>
<tr>
<td>730573</td>
<td>00446</td>
<td>1</td>
<td>Extension Module</td>
</tr>
<tr>
<td>730573</td>
<td>00344</td>
<td>1</td>
<td>Hanger Bracket</td>
</tr>
<tr>
<td>730573</td>
<td>00304</td>
<td>1</td>
<td>Pathway Module</td>
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<tr>
<td>730573</td>
<td>00308</td>
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<td>Splice Plate Kit</td>
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**Series 44+ Fire-Rated Pathway**

**Vertical Cable Solutions**

<table>
<thead>
<tr>
<th>UPCA</th>
<th>ITEM NO.</th>
<th>CASE QTY (mm)</th>
<th>DEVICE / PLATES</th>
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<tbody>
<tr>
<td>730573</td>
<td>00110</td>
<td>1</td>
<td>Single-Slot Modular Floor Grid</td>
</tr>
<tr>
<td>730573</td>
<td>00111</td>
<td>1</td>
<td>Two-Slot Modular Floor Grid</td>
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<tr>
<td>730573</td>
<td>00112</td>
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<td>Four-Slot Modular Floor Grid</td>
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**Specialty Options**

**Hanger Bracket**

<table>
<thead>
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<th>DEVICE / PLATES</th>
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**Pathway Module**

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<tr>
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</table>

**Splice Plate Kit**

<table>
<thead>
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<th>CASE QTY (mm)</th>
<th>DEVICE / PLATES</th>
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</thead>
<tbody>
<tr>
<td>730573</td>
<td>00446</td>
<td>1</td>
<td>Extension Module</td>
</tr>
</tbody>
</table>

**Series 44+ Fire-Rated Pathway**

**EZ-Path® Modular Floor Grid System**

Modular Floor Grid Systems utilize the high volume, EZ-Path® Series 44+ pathways, installed in banks of four, to provide your cabling systems with room to grow. Sturdy steel grids mount one, two, or four banks of pathways in built-in slots for a total of up to sixteen pathways through a single floor opening. A single bank floor grid comes complete with pathways. Multi-bank modular floor grids are installed with firestop panels sealing each slot. As additional cable capacity is required, firestop panels are removed, and pathway modules containing four pathways are installed in each slot.

**UPC#** 730573

**ITEM NO.**

**CASE QTY (min)**

**Single-Slot Modular Floor Grid**

<table>
<thead>
<tr>
<th>UPCA</th>
<th>ITEM NO.</th>
<th>CASE QTY (mm)</th>
<th>DEVICE / PLATES</th>
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<tbody>
<tr>
<td>730573</td>
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<td>EZG444</td>
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**Two-Slot Modular Floor Grid**

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<th>ITEM NO.</th>
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<th>DEVICE / PLATES</th>
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<tbody>
<tr>
<td>730573</td>
<td>00111</td>
<td>1</td>
<td>EZG444</td>
</tr>
</tbody>
</table>

**Four-Slot Modular Floor Grid**

<table>
<thead>
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<th>UPCA</th>
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<tbody>
<tr>
<td>730573</td>
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**T-Rating Kit**

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<tr>
<td>730573</td>
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<td>Extension Module</td>
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</table>

**Splice Plate Kit**

<table>
<thead>
<tr>
<th>UPCA</th>
<th>ITEM NO.</th>
<th>CASE QTY (mm)</th>
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<tbody>
<tr>
<td>730573</td>
<td>00449</td>
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<td>Extension Module</td>
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</tbody>
</table>
**Series 33 Fire-Rated Pathway**

The EZ-Path® Series 33 Fire-Rated Pathway is a maintenance-free pathway solution for moderate cable volumes through fire-rated walls and floors. The Series 33 incorporates built-in intumescent pads that automatically adjust to cable fills. When exposed to flame and high temperatures, the intumescent pads expand to form a dense insulative char that prevents the passage of smoke and flame.

**Features & Benefits:**
- Self-sealing design provides exceptional fire and smoke leakage ratings
- Allows for easy moves, adds, and changes
- Designed for new and existing conditions
- Variety of accessories available for any field condition
- Available in an array of colors for easy cable pathway management

**Multi-Gang Plates**

<table>
<thead>
<tr>
<th>UPC#</th>
<th>ITEM #</th>
<th>CASE QTY</th>
<th>DEV.CE / PLATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>00235</td>
<td>EZP233GK</td>
<td>1</td>
<td>Designed to allow two Series 33 pathways to be installed in a 6 in. (150 mm) square opening.</td>
</tr>
<tr>
<td>00333</td>
<td>EZP233K</td>
<td>1</td>
<td>Designed to allow three Series 33 pathways to be installed in a 9 in. (229 mm) square opening.</td>
</tr>
</tbody>
</table>

**Single Pathway - Full kit**

- The Series 33 Pathway is designed for new or existing cable installations up to 6 in. (152 mm) thick walls without extensions (EZ3306K) or 2-1/4 in. (62 mm) thick floors. The Series 33 pathway can be ganged for additional capacity. A wide variety of accessories are easily adapted to Series 33 pathways to a standard range of applications.

**Specialty Options**

- New Cable Installations Through Floors Using Core Drilled Openings
- Previously Installed Cables Through Gypsum Wallboard
- Extension Module
- Positioning Clamps
- Radius Control Module

**Series 33 Fire-Rated Pathway Multi-Gang Plates continued**

<table>
<thead>
<tr>
<th>UPC#</th>
<th>ITEM #</th>
<th>CASE QTY</th>
<th>DEV.CE / PLATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>00433</td>
<td>EZP433W</td>
<td>1</td>
<td>Designed to allow four Series 33 pathways to be installed in a 3 in. (76 mm) x 6 in. (152 mm) opening.</td>
</tr>
<tr>
<td>00436</td>
<td>EZP433GK-C</td>
<td>1</td>
<td>Designed to allow four Series 33 pathways to be installed in a 6 in. (152 mm) square opening.</td>
</tr>
<tr>
<td>00435</td>
<td>EZP433GK</td>
<td>1</td>
<td>Designed to allow four Series 33 pathways to be installed in a 9 in. (229 mm) square opening.</td>
</tr>
</tbody>
</table>

**Single Pathway - Full kit**

- Designed to allow a single Series 33 Pathway to be installed in a 4 in. (102 mm) round opening.

**Square Wall Plate Kits**

- Designed to allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) x 3 in. (76 mm) square opening.

**Circular Wall Plate Kits**

- Designed to allow a single Series 33 Pathway to be installed in a 4 in. (102 mm) round opening.

**New Cable Installations Through Floors Using Core Drilled Openings**

- The Kick-In Floor Kit installs a Series 33 pathway into a 4 in. (102 mm) core drilled square opening. Both kits include the Series 33 Pathway and a Core Drilled Plate (EZ3306K). The core drilled plates are designed for installation in both new and existing installations, and are ideal for use in new construction, remodeling, or replacing old cable pathways.

**Previously Installed Cables Through Gypsum Wallboard**

- The Conduit Attachment Kit installs a Series 33 Pathway into a 4 in. (102 mm) core drilled square opening. The split pipe design allows for installation in both new and existing applications. The kit includes the Series 33 Pathway, a Core Drilled Plate (EZ3306K), and a Conduit Attachment Plate (EZ3306K-C).

**Extension Module**

- Extension modules attach to the ends of the Series 33 pathway and increase the effective length for thicker barriers. Each extension module increases the effective length by 6 in. (152 mm).

**Positioning Clamps**

- Positioning clamps are used to position and secure pathways in applications where standard wall plates will not be used and the device will be either back-filled or caulked into an opening. Sold in pairs.

**Radius Control Module**

- Seals the ends of pathways and provides 3 in. (75 mm) minimum bend radius for cables. SMBs support cable bundles at 100% rated loading.
Series 22 Fire-Rated Pathway

The EZ-Path® Series 22 Fire-Rated Pathway is a maintenance-free pathway solution for smaller cable bundles through fire-rated wall assemblies. The device is offered as a complete kit without the need for additional accessory products for installation.

Features & Benefits:
- Self-Sealing design provides exceptional fire and smoke leakage ratings
- Allows for easy moves, adds, and changes
- Designed for new and existing conditions
- Suited for round and rectangular openings

Retrofit Device

Overfilled cable sleeves are the bane of every facilities team. Bring these deficient openings back into code compliance with the EZ-Path® Retrofit Device. Its two-part clam shell design installs around projecting sleeves and cable bundles, restoring fire and smoke leakage performance. The EZ-Path® Retrofit Device quickly and easily retrofits sleeves of up to 100% visual fill, restoring fire performance without the need for additional firestop products.

Features & Benefits:
- Sized for 2 in. and 4 in. metallic sleeves
- Designed for cable sleeves and stubs
- Professional fit and finish
- Safety Orange for easy identification
- Suited for round and rectangular openings

EZ-Firestop® Grommet

EZ-Firestop® Grommets make sealing penetrations of individual and small bundles of cables through gypsum board walls a snap. Molded from premium plenum-plastics and incorporating a soft foam inner core, EZ-Firestop® Grommets eliminate the need for sleeves, firestop putties, and sealants.

Features & Benefits:
- Suited for addressing single membrane or complete through-penetrations
- Available as a single cable or multiple cable solution
- Ideal for alarm, security, or wireless access point installations
- Designed for 1 & 2 hr fire-rated gypsum board wall assemblies
- Professional finished appearance

UPC# 730573
ITEM NO.
CASE QTY (min)
Retrofit Device - Pair
DEVICE
00200 EZDR200 4 EZ-Path® Retrofit Device for 2 in. (2-3/16 in. or 2-3/8 in. O.D.) Sleeves; One Pair (2).
00400 EZDR400 4 EZ-Path® Retrofit Device for 4 in. (4-1/2 in. O.D.) Sleeves; One Pair (2).
00401 EZPR300 1 EZDR400 Adapter Plate for 3 in. sleeves; One Pair (2).

UPC# 730573
ITEM NO.
CASE QTY (min)
EZ-Firestop Grommets
DEVICE
25058 RFG1 10 Packages Two-piece split cable grommet for small cable penetrations up to 0.27 in. (7 mm) O.D. One package contains 10 grommets.
25059 RFG2 10 Packages Two-piece split cable grommet for small cable penetrations up to 0.53 in. (14 mm) O.D. One package contains 10 grommets.

UPC# 730573
ITEM NO.
CASE QTY (min)
Single Pathway - Full kit
DEVICE
00022 EZD22 6 Designed for new or existing cable installations through walls up to 5 in. (129 mm) thick. The pathway is designed to be installed in a 2" (51 mm) round opening or 1-3/4" (44 mm) square opening.
00023 EZD20 6 Designed for new cable installations through walls up to 2 in (51 mm) thick. The pathway is designed for up to 100% visual fill.

UPC# 730573
ITEM NO.
CASE QTY (min)
Series 22 Fire-Rated Pathway
DEVICE
00022 EZD22 6 Designed for new or existing cable installations through walls up to 9 in. (229 mm) thick. The pathway is designed to be installed in a 2" (51 mm) round opening or 1-3/4" (44 mm) square opening.
烟雾与声学通道

设计用于非防火地板、天花板和墙壁上的简易安装，EZ-Path® 系列 33NEZ 和 44NEZ 烟雾与声学通道提供额外的电缆容量，与已批准和已验证的电缆容量范围从 0% 到 100%。

### Series 44NEZ

<table>
<thead>
<tr>
<th>UPC#</th>
<th>ITEM No.</th>
<th>CASE QTY (min)</th>
<th>DEVICE / PLATES</th>
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<tbody>
<tr>
<td>11172</td>
<td>NEZ44-W</td>
<td>4</td>
<td>EZ-Path® Series 44NEZ Smoke and Acoustical Pathway (White)</td>
</tr>
<tr>
<td>11173</td>
<td>NEZ244-4</td>
<td>4</td>
<td>EZ-Path® Series 44NEZ Smoke and Acoustical Pathway (White)</td>
</tr>
</tbody>
</table>

### Series 33NEZ

<table>
<thead>
<tr>
<th>UPC#</th>
<th>ITEM No.</th>
<th>CASE QTY (min)</th>
<th>DEVICE / PLATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>11158</td>
<td>NEZ33-W</td>
<td>4</td>
<td>EZ-Path® Smoke and Acoustical Pathway (Device Only)</td>
</tr>
<tr>
<td>11160</td>
<td>NEZ33-W</td>
<td>4</td>
<td>EZ-Path® Smoke and Acoustical Pathway - White (Device Only)</td>
</tr>
</tbody>
</table>

### Smoke & Acoustical Pathway Ceiling

EZ-Path® 33NEZ 烟雾与声学通道天花板套件设计用于允许电缆穿透不防火天花板，而无需进行烟雾密封。其内置烟雾密封系统可以自动调节电缆安装的数量，电缆可以轻易地增加或移除。

### Series 33NEZ

<table>
<thead>
<tr>
<th>UPC#</th>
<th>ITEM No.</th>
<th>CASE QTY (min)</th>
<th>DEVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>11165</td>
<td>NEZ33R</td>
<td>1</td>
<td>EZ-Path® Smoke and Acoustical Pathway Ceiling Kit</td>
</tr>
</tbody>
</table>
Ready® Sleeve

SpecSeal® Ready® Sleeves are designed for new cable penetrations where sleeves are required. Each Ready® Sleeve kit includes a preformed steel sleeve with rolled edges, steel escutcheon plates with intumescent gaskets, and a dose of our SpecSeal® SSB Firestop Putty. The rolled edges of each Ready® Sleeve eliminate the need for bushings while the included escutcheon plates and gaskets take the place of steel strut and strap supports.

Features & Benefits:
- Complete—includes sleeves, all mounting hardware, firestopping materials
- sleeves money by reducing expensive shop and field labor
- Standard and large escutcheons available
- Meets code requirements for internal/external firestop sealing
- Meets code requirements for wall attachment
- Built-in bushings protect cables
- Includes SpecSeal® Series SSP Intumescent Firestop Putty sufficient for 1 in. (25 mm) depth at both ends

Applications:
- Protect and seal cables routed through rated and non-rated walls & floors
- All common constructions up to 10 in. (250 mm) thick
- Available trade sizes 1 in. (25 mm), 2 in. (51 mm), 3 in. (76 mm), 4 in. (102 mm), 6 in. (152 mm), 8 in. (203 mm), 10 in. (254 mm)
- Standard small escutcheons for accurate gusset board openings
- Large standard escutcheons for concrete or masonry openings

Specifications:

<table>
<thead>
<tr>
<th>UPC 730573</th>
<th>CAT</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>20105 F5100</td>
<td>1 in. (25 mm) Firestop Sleeve, 12 in. Length</td>
<td>1</td>
<td>8 lbs (3.6 kg)</td>
<td></td>
</tr>
<tr>
<td>20106 F5200</td>
<td>2 in. (51 mm) Firestop Sleeve, 12 in. Length</td>
<td>1</td>
<td>2 lbs (0.9 kg)</td>
<td></td>
</tr>
<tr>
<td>20108 FS401</td>
<td>4 in. (102 mm) Firestop Sleeve, 12 in. Length</td>
<td>1</td>
<td>6.37 lbs (2.9 kg)</td>
<td></td>
</tr>
<tr>
<td>20201 FS301</td>
<td>3 in. (76 mm) w/ large escutcheon plates</td>
<td>1</td>
<td>2.93 lbs (1.3 kg)</td>
<td></td>
</tr>
<tr>
<td>20401 FS401</td>
<td>4 in. (102 mm) w/ large escutcheon plates</td>
<td>1</td>
<td>7.56 lbs (3.44 kg)</td>
<td></td>
</tr>
</tbody>
</table>

TEST STANDARDS: ASTM E814(UL 1479), CAN/ULC S115

Ready® Sleeve Split Sleeve

SpecSeal® Ready® Split Sleeve kits easily install around existing cables. Each Ready® Split Sleeve kit includes two preformed steel sleeve halves with rolled edges, steel escutcheon plates with intumescent gaskets, and a dosage of our SpecSeal® SSB Firestop Putty. Ready® Split Sleeve’s two-piece body and plates easily capture previously installed cables while tightly fastening to the penetrated barrier.

Features & Benefits:
- Complete—includes sleeves, all mounting hardware, firestopping materials
- Oversized plates for larger or irregular openings
- Built-in bushings protect cables
- Meets code requirements for internal/external firestop sealing
- Escutcheon plates are required to comply with tested systems and NEC
- Includes SpecSeal® Firestop Putty as well as split external firestop gasket

Applications:
- New or existing cable installations through rated and non-rated walls & floors
- All common constructions up to 10 in. (250 mm) thick
- Available trade sizes 1 in. (OD=1.315 in.; 33 mm), 2 in. (OD=2.375 in.; 60 mm), 4 in. (OD=4.5 in.; 114 mm)
- Oversized or irregular openings

Specifications:

<table>
<thead>
<tr>
<th>UPC 730573</th>
<th>CAT</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>20108 SSB36</td>
<td>3 in. x 6 in. x 9 in. (7.6 x 15 x 23 cm)</td>
<td>1</td>
<td>0.48 lbs (0.22 kg)</td>
<td></td>
</tr>
<tr>
<td>20201 SSB26</td>
<td>2 in. x 6 in. x 9 in. (5.0 x 15 x 23 cm)</td>
<td>1</td>
<td>0.35 lbs (0.16 kg)</td>
<td></td>
</tr>
<tr>
<td>20401 SSB24</td>
<td>2 in. x 4 in. x 9 in. (5.0 x 10 x 23 cm)</td>
<td>1</td>
<td>0.27 lbs (0.12 kg)</td>
<td></td>
</tr>
<tr>
<td>20401 SSB24</td>
<td>2 in. x 4 in. x 9 in. (5.0 x 10 x 23 cm)</td>
<td>1</td>
<td>0.27 lbs (0.12 kg)</td>
<td></td>
</tr>
<tr>
<td>20401 SSB24</td>
<td>2 in. x 4 in. x 9 in. (5.0 x 10 x 23 cm)</td>
<td>1</td>
<td>0.27 lbs (0.12 kg)</td>
<td></td>
</tr>
</tbody>
</table>

TEST STANDARDS: ASTM E814(UL 1479), CAN/ULC S115, ASTM E90

Composite Sheet

SpecSeal® Composite Sheet is the ideal solution for large openings where a permanent seal is required. Composite Sheet is a lightweight, rigid fire resistant panel consisting of an intumescent layer bonded to a galvanized steel sheet reinforced with steel wire mesh covered with aluminum foil. Composite sheet partners with other SpecSeal® firestop products, such as Firestop Collars and EZ-Path® Devices, to size down over existing penetrations. Custom sizes available upon request.

Features & Benefits:
- Lighter and thinner—approximately 1/2 the weight and thickness of traditional composite sheet
- Easier to fabricate—engineered with the installer in mind
- Can be cut and installed with common sheet metal tools
- Intumescent—expands up to 15 times when exposed to temperatures in excess of 950°F (510°C), compared to 8-10 times for competing brands, forms a dense insulative char that minimizes heat transfer
- Hole reduction—reduces large openings when used in conjunction with other SpecSeal® or EZ-Path® Products
- Acoustically tested—reduces sound transmission

Applications:
- Medium to large openings through common constructions
- Insulated metallic pipes, plastic pipes, and metal pipes
- Multiple metallic conduits and tubing
- Multiple mixed penetrants of many types
- Bus ducts, HVAC ducts, steel angles are not required on small HVAC ducts

Specifications:

<table>
<thead>
<tr>
<th>UPC 730573</th>
<th>CAT</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>13636 CS3636</td>
<td>36 x 36 in. (92 x 92 cm)</td>
<td>1</td>
<td>12.6 lbs (5.71 kg)</td>
<td></td>
</tr>
<tr>
<td>11628 CS1628</td>
<td>16 x 28 in. (41 x 71 cm)</td>
<td>1</td>
<td>4.4 lbs (1.99 kg)</td>
<td></td>
</tr>
<tr>
<td>15228 CS2852</td>
<td>28 x 52 in. (71 x 132 cm)</td>
<td>1</td>
<td>14.2 lbs (6.44 kg)</td>
<td></td>
</tr>
<tr>
<td>06240 SSBR400</td>
<td>2 in. x 4 in. x 9 in. (5.0 x 10 x 23 cm)</td>
<td>1</td>
<td>0.35 lbs (0.16 kg)</td>
<td></td>
</tr>
<tr>
<td>06260 SSB26</td>
<td>2 in. x 6 in. x 9 in. (5.0 x 15 x 23 cm)</td>
<td>1</td>
<td>0.27 lbs (0.12 kg)</td>
<td></td>
</tr>
<tr>
<td>06360 SSB36</td>
<td>3 in. x 6 in. x 9 in. (7.6 x 15 x 23 cm)</td>
<td>1</td>
<td>0.35 lbs (0.16 kg)</td>
<td></td>
</tr>
</tbody>
</table>

TEST STANDARDS: ASTM E814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115, ASTM E90

Intumescent Firestop Pillows

SpecSeal® SSB Firestop Pillows easily compress and conform around any penetrant. Equally suited for new or existing conditions, SpecSeal® Pillows make short work of even the most complex through-penetration firestop conditions.

Features & Benefits:
- Intumescent—expands in all directions for a tough, tight seal
- Single side application makes installation easy for tough access openings
- Re-installable for easy retrofitting of cables
- Heat-sealed poly cover protects core and makes pillows slide in and out with ease
- Superior air leakage ratings—broad base of tested systems
- Lightweight—easier installation
- Heat-sealed poly bag—strong and durable, no seemse to unravel or tear, no irritating fiberglass
- No special tools required
- Monolithic Encapsulated Core: No loose fill

Applications:
- Medium to large openings through common constructions
- Insulated metallic pipes, plastic pipes, and metal pipes
- Multiple metallic conduits and tubing
- Multiple mixed penetrants of many types
- Bus ducts, HVAC ducts, steel angles are not required on small HVAC ducts

Specifications:

<table>
<thead>
<tr>
<th>UPC 730573</th>
<th>CAT</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>06360 SSB36</td>
<td>3 in. x 6 in. x 9 in. (7.6 x 15 x 23 cm)</td>
<td>1</td>
<td>0.35 lbs (0.16 kg)</td>
<td></td>
</tr>
<tr>
<td>06260 SSB26</td>
<td>2 in. x 6 in. x 9 in. (5.0 x 15 x 23 cm)</td>
<td>1</td>
<td>0.27 lbs (0.12 kg)</td>
<td></td>
</tr>
<tr>
<td>06200 FS401</td>
<td>4 in. (102 mm) Firestop Sleeve, 12 in. Length</td>
<td>1</td>
<td>2.93 lbs (1.3 kg)</td>
<td></td>
</tr>
</tbody>
</table>

TEST STANDARDS: ASTM E814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115, ASTM E90
STI offers a variety of versatile and cost-effective firestopping solutions for addressing Mechanical, Plumbing, and Electrical Penetrations through Fire-Rated construction.

**STC**

(Relates to specific construction)

62

**Red Color**

Re-Enterable Solution

Permanent Solution

**Putty**

SpecSeal® SSP Firestop Putty excels at sealing cabling penetrations and outlet boxes. SSP Putty is non-hardening and easily hand works around grouped cabling penetrations forming a re-enterable seal allowing for future work.

**Features & Benefits:**
- Non-hardening for easy installation and retrofitting of cables
- Two-stage intumescence provides aggressive expansion
- Highly adhesive—stays put
- Unaffected by humidity, condensation, and water
- Soft, pliable, and easy to install
- Tested and proven acoustical properties
- No tools required

**Applications:**
- Small to medium openings through common constructions
- Sleeved openings for cable bundles
- Conduits

For Putty Pads see page 34

**Intumescent Firestop Plug**

SpecSeal® FP Intumescent Firestop Plugs are easy to install, creating a robust seal against fire and smoke. Firestop plugs make an excellent solution for temporary installation overnight, as well as permanent long-term seals for blank openings, and cable penetrations through common construction such as concrete or gypsum board. Sized to fit 2 in. and 4 in. diameter openings, firestop plugs make sealing conduit studs and sleeves a breeze.

**Features & Benefits:**
- Intumescent—expands in all directions
- Easy to install—no special tools required
- Re-installable—easy retrofitting of cables
- Soft and resilient foam—conforms to cable surfaces
- Paintable—can be painted to match surroundings

**Applications:**
- Blank openings in sleeved concrete wall/floor and sleeved gypsum board steel or wood stud walls
- Cable Penetrations in sleeved concrete wall/floor and sleeved gypsum board steel or wood stud walls
- Max 2 in. diameter metallic and nonmetallic shower drain pipe

**TEST STANDARDS:** ASTM E814 (UL 1479), CAN/ULC S115

**FP Intumescent Firestop Plugs**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>CASE</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D7302</td>
<td>FP100</td>
<td>Firestop Plug sized for 2 in. (51 mm) opening/sleeve</td>
<td>1</td>
<td>10</td>
<td>0.20 lbs (0.09 kg)</td>
</tr>
<tr>
<td>D7304</td>
<td>FP400</td>
<td>Firestop Plug sized for 4 in. (102 mm) opening/sleeve</td>
<td>1</td>
<td>10</td>
<td>0.50 lbs (0.22 kg)</td>
</tr>
<tr>
<td>D7305</td>
<td>FP500D</td>
<td>Firestop Plug sized for 5 in. (127 mm) opening/sleeve</td>
<td>1</td>
<td>10</td>
<td>0.50 lbs (0.22 kg)</td>
</tr>
</tbody>
</table>

**SSP Firestop Putty**

SSP Firestop Putty excels at sealing cabling penetrations and outlet boxes. SSP Putty is non-hardening and easily hand works around grouped cabling penetrations forming a re-enterable seal allowing for future work.

**Features & Benefits:**
- Non-hardening for easy installation and retrofitting of cables
- Two-stage intumescence provides aggressive expansion
- Highly adhesive—stays put
- Unaffected by humidity, condensation, and water
- Soft, pliable, and easy to install
- Tested and proven acoustical properties
- No tools required

**Applications:**
- Small to medium openings through common constructions
- Sleeved openings for cable bundles
- Conduits

For Putty Pads see page 34

**TEST STANDARDS:** ASTM E814 (UL 1479), CAN/ULC S115

**SSP Firestop Putty**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>CASE</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2100</td>
<td>SSP100</td>
<td>36 cu. in. Tube (0.6 L)</td>
<td>1</td>
<td>6</td>
<td>2.3 lbs (1.04 kg)</td>
</tr>
<tr>
<td>S2101</td>
<td>SSP24</td>
<td>24 cu. in. Tube (0.39 L)</td>
<td>1</td>
<td>1</td>
<td>1.83 lbs (0.84 kg)</td>
</tr>
</tbody>
</table>

**SSP Firestop Putty**

**TEST STANDARDS:** ASTM E814 (UL 1479), CAN/ULC S115, UL263
SpecSeal® SSS Firestop Sealant is a premium grade water-based Intumescent firestop sealant, that incorporates our proprietary two-stage intumescent technology making it the go to choice for any combustible or non-combustible penetrations. After application, LC Sealant cures to form a flexible seal against the propagation of fire. Under fire exposure, LC absorbs heat and release water vapor resisting the progress of smoke and flame.

Features & Benefits:
- Water-based—easy installation, cleanup, and disposal
- Endothermic fibers—absorbs heat and release water
- High solids formula—low shrinkage
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Safe—low VOCs, no solvents, non-halogenated
- Excellent sealing properties along with high build capabilities
- Economical—highest yield per pound means lower installed cost
- Trowel-able or self-leveling

Applications:
- Metallic pipes, conduits, and tubing
- Nonmetallic pipes, conduits, and tubing
- HVAC ductwork
- Multi-service penetrations including AC line sets, electrical, telephone, or TV service entrance and interior penetrations
- Complete wood floor firestopping package for electrical, plumbing, HVAC, TV, and telephone
- Complete through-penetration firestopping
- Medium to large openings through common constructions
- Loose cable for power, voice, and data
- Single or multiple cable trays for power, voice, and data
- Bus ducts
- Multiple metallic conduits, and lightweight tubing
- Multiple, mixed penetrants of all types

Intumescent Sealant
SpecSeal® LCI Firestop Sealant is a water-based Intumescent sealant intended for a wide range of through-penetration and construction joint applications. SpecSeal® LCI Sealant has excellent caulking properties making it easy to apply in vertical applications as well as overhead.

Features & Benefits:
- Fast-setting intumescent—expands up to 10X
- Water-based—easy installation, cleanup, and disposal
- Excellent smoke seal
- Acoustically tested—reduces noise transmission
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Sandable and paintable (when dry)
- Water-resistant—will not re-emulsify when dry
- Safe—low VOCs, no solvents, non-halogenated

Applications:
- Metallic pipes, conduits, and tubing
- Nonmetallic pipes, conduits, and tubing
- HVAC ductwork
- Cable, cable trays, and bus duct
- Complete wood floor firestopping package for electrical, plumbing, HVAC, TV, and telephone
- HVAC ductwork
- Construction joints

SpecSeal® SSM Firestop Mortar is a lightweight, cost-effective solution for oversized openings in concrete walls and floors. Once mixed with water, SpecSeal® Mortar forms a lightweight, low density sturgy that easily applies into concrete walls and floors. SpecSeal® Mortar cures quickly and will not spill or crack due to freezing or changes in temperature.

Features & Benefits:
- Lightweight/low density—less forming and support required—easy retrofit
- Fast drying—forms come down faster
- Economical—highest yield per pound means lower installed cost
- Wide range of applications—includes aluminum cable tray
- Red color—easy identification and inspection.
- Chemical adhesion—reduces the need for expensive and time-consuming concrete fasteners
- Trowel-able or self-leveling

Applications:
- Medium to large openings through common constructions
- Loose cable for power, voice, and data
- Single or multiple cable trays for power, voice, and data
- Bus ducts
- Multiple metallic conduits, and lightweight tubing
- Multiple, mixed penetrants of all types

<table>
<thead>
<tr>
<th>UP#</th>
<th>CAT#</th>
<th>DESCRIPTION</th>
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<th>UNIT WEIGHT</th>
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<tr>
<td>01130</td>
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<td>10.1 oz. Tube (18.2 oz. in., 385 ml)</td>
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<td>0.94 lbs (0.42 kg)</td>
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<tr>
<td>01133</td>
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<td>50 lbs (22.7 kg)</td>
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<td>1.75 lbs (0.8 kg)</td>
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<tbody>
<tr>
<td>01129</td>
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<td>29 oz. Tube (52 cu. in., 858 ml)</td>
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<td>2.49 lbs (1.1 kg)</td>
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Silicone Sealant

SpecSil® SIL300 Silicone Sealant is a high performance silicone firestop sealant tested to resist the passage of smoke, flame and water through construction joints and through penetrations. SIL300 Sealant cures to form a flexible seal and carries a Class 1 W Rating for water resistance (Per ANSI/UL 1479).

Features & Benefits:
- Low modulus—allows up to 35% movement capability
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Water-resistant—for water-tight sealing
- Ozone and UV-resistant—for excellent weathering ability and long service life
- Superb chemical resistance—best choice in polluted or corrosive atmospheres
- Outstanding adhesion to most building substrates (primarily acrylic adhesion)

- Acoustically tested—reduces noise transmission
- Excellent smoke seal
- Neutral cure
- UL® listed for W ratings

Applications:
- Slab Edge/Curtain wall, siding, and construction gaps
- Through-penetrations and joints
- High temperatures or movement
- Electrical, data, or telephone cables
- Seismic and expansion joints
- Top-of-wall joints
- Single or multiple metallic pipes, conduits, and tubing

Intumescent Firestop Caulk

WF300 Intumescent Firestop Caulk is a latex-based firestop caulk designed for residential wood frame construction. WF300 Caulk is tested for addressing penetrations through wood/frame construction such as wood stud walls and floor/ceiling assemblies. Under fire exposure, WF300 expands to up to four times its original volume.

Features & Benefits:
- Economical—delivers maximum fire protection at the right price
- Water-based—easy installation, cleanup, and disposal
- Intumescent—expansion fills gaps or voids caused by wood shrinkage, or burning or melting of combustible materials
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Acoustically tested—reduces noise transmission
- Excellent insulating seal
- Sandable/ Paintable (when dry)
- Water-resistant—will not re-amaurely when dry

Applications:
- Through-penetrations and gaps in wood frame construction

SmokeBlock® Fireblock & Draftstop Caulk

SmokeBlock® Caulk is a non-combustible gun grade sealer for fireblocking and draft stopping in wood frame walls and floors. SmokeBlock® is designed for filling annular spaces around penetrants and along seams throughout the building envelope and is suitable for use in one or two family dwellings. Not suitable for use in fire-rated construction.

Features & Benefits:
- Water-based for easy clean-up
- No shrinkage or mixing required
- Adheres to wood and masonry
- Meets ASTM E136

Applications:
- Single family and Multi family dwellings
- Openings in non-fire-rated walls and floors
- Loose cable for power, voice, and data
- Metallic and Non-Metallic Piping
- HVAC Ducts, AC Linesets, Flue Vents

SmokeBlock® Fireblock Foam

SmokeBlock® Fireblocking Foam installs in seconds filling voids and annular spaces around penetrants preventing the spread of smoke and toxic gasses. SmokeBlock® Fireblocking Foam can be applied in both vertical and horizontal applications and is suitable to use in one and two family dwellings. Not suitable for use in fire-rated construction.

Features & Benefits:
- Meets Fireblock/Draftstop requirements of IBC Section 716 & IPC Section R302.1.1
- Adheres to wood and masonry
- Dispensable at any angle
- Paintable

Applications:
- Single family and Multi family dwellings
- Openings in non-fire-rated walls and floors
- Loose cable for power, voice, and data
- Metallic and Non-Metallic Piping
- HVAC Ducts, AC Linesets, Flue Vents
Smoke N’ Sound Acoustical Spray

SpecSeal® Smoke ‘N’ Sound spray is a high quality acrylic latex spray designed for static or mildly dynamic linear joints or gaps. SpecSeal® Smoke ‘N’ Sound spray is formulated to adhere to all common construction surfaces and may be applied using airless spray equipment or with a brush (for small applications and touch ups).

**Features & Benefits:**
- Water-based—easy for installation and cleanup
- Excellent smoke seal
- Acoustically tested—reduced noise transmission
- High bulk characteristics
- Safe—low VOCs—no solvents, and non-halogenated
- Economical spray application saves labor
- Auto-bonding—allows fresh spray to adhere to cured spray
- Low abrasion—longer pump life and less maintenance
- Paintable (when dry)

**Applications:**
- Smoke control: where stopping the passage of smoke is necessary such as in smoke partition walls
- Noise control: where reducing the transmission of sound through wall openings is necessary to help ensure occupant privacy and peaceful environment
- Infections/dust control: where reducing the transmission of dust and other airborne particulates through wall openings is necessary

**Intumescent Firestop Collars**

SpecSeal® SSC Firestop Collars are factory-manufactured firestop devices sized to plastic pipes of up to 6 in. Trade Size. SSC Collars consist of a restraining collar with a factory applied intumescent ensuring the correct amount of material is applied every time. Under fire exposure, SSC Collars quickly expand and collapse combustible piping forming a dense char, resisting the passage of smoke and flame.

**Features & Benefits:**
- Easy installation—uses STI’s quick closure system
- Water-resistance—no water soluble or hygroscopic ingredients
- Fast acting expansion (up to 600% to seal off burning pipes)
- Safe for contact with plastics
- Tested to 50 Pa of pressure (CAN/ULC S115)

**Applications:**
- Protects a variety of plastic pipes—XFR, PVC, PVC Foam Core (ccPVC), CPVC, ABS, ABS Foam Core (ccABS), FRP, PP, PVDF, and HDPE pipes
- Ventilated (DWV) and closed (electrical conduit and water supply) installations

**Smoke N’ Sound Acoustical Sealant**

A high quality acrylic latex sealant designed for sealing through-penetrations (such as pipes, conduits, cableways, and openings) and membrane penetrations (such as p-traps and outlet boxes) in smoke resistant walls.

**Features & Benefits:**
- Economical—high performance without the high price
- Water-resistant—will not re-emulsify when dry
- Water-based—easy installation, cleanup, and disposal
- Remains Flexible—allows movement
- Acoustically tested
- Safe—low VOCs—no solvents, and non-halogenated
- Paintable (when dry)
- Auto-bonding—allows fresh sealant to adhere to cured sealant

**Applications:**
- Smoke control: where stopping the passage of smoke is necessary such as in smoke partition walls
- Noise control: where reducing the transmission of sound through wall openings is necessary to help ensure occupant privacy and peaceful environment
- Infections/dust control: where reducing the transmission of dust and other airborne particulates through wall openings is necessary

**Intumescent Firestop Collars**

SpecSeal® RTC Firestop Collars adapt to the size combustible pipe that you are working with. One collar is designed to address standard 3 in. & 4 in. plastic pipes as well as their associated couplings. RTC Firestop Collars adaptable nature make them an excellent tool to have at hand when bringing combustible penetrations up to code.

**Features & Benefits:**
- Adjustable—one collar fits 3 in. and 4 in. pipes and corresponding couplings
- Rapid expansion—closes off burning pipes quickly
- Small profile—use it in all the tight spots
- Flexible and durable—no loose flakes (eye hazards)
- Water-resistant—no water soluble or hygroscopic ingredients
- Economical—lower installed cost
- High volume char—expands up to 60 times
- Replaces traditional field installed wrap strip/restraining collar systems for pipe couplings.
- Reduces inventory—one convenient product covers 3 in. to 6 in. and smaller trade size pipes

**Applications:**
- Protects a variety of plastic pipes and couplings including PVC, PVC Cellular Core (ccPVC), CPVC, ABS, and ABS Cellular Core (ccABS)
- Both ventilated (DWV) and closed (electrical conduit and water supply) installations
- All common constructions including concrete floors, concrete over steel deck, concrete walls, concrete block wall, gypsum board/stud walls, wood flooring/ceiling assemblies

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**Non-fire-rated sealants**

Intumescent Firestop Collars

<table>
<thead>
<tr>
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<tr>
<td>01154</td>
<td>SSC150</td>
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<td>0.22 lbs (0.10 kg)</td>
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<td>RTC350</td>
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Intumescent Firestop Collars

SpecSeal® LCC Firestop Collars are factory-manufactured firestop devices sized to plastic pipes of up to 4 in. Trade Size. LCC Collars consist of a restraining collar with a factory-applied intumescent ensuring the correct amount of material is applied every time.

Features & Benefits:
- Easy installation—uses STI’s quick closure system
- Compact profile—use it in all the tight spots
- Water-resistant—no water soluble or hydroscopic ingredients
- Fast-acting expansion (up to 600)—to seal of f burning pipes
- Safe for contact with plastics

Applications
- Protects a variety of plastic pipes—PVC, PVC Foam core (uncoated), ACP, ABS Foam core (concentric), FRPP, PP, PVDF, and HDPE pipes
- Vented (DVM) and clogged (electrical conduit and water supply installations)

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<td>03003</td>
<td>LCC600 For 3 in. (76 mm) plastic pipe</td>
<td>6</td>
<td>0.49 lb (0.22 kg)</td>
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<td>03004</td>
<td>LCC1000 For 4 in. (102 mm) plastic pipe</td>
<td>6</td>
<td>0.73 lb (0.33 kg)</td>
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Intumescent Wrap Strips

Available in a variety of sizes and types to tackle any combustible penetration. SSW Wrap Strips are available in convenient rolls or individually pre-sized strips.

RED2—General purpose wrap strip good for most common penetrants. It is provided in 1/16 in. wide by 1/8 in. thick by 12 ft. (38 mm x 3 mm x 366 cm) rolls.

BLU2—Premium grade wrap strip for more exotic plastics or optimized for various task-in-task methods and larger pipes. It is provided in 2 in. wide by 1/8 in. thick by 12 ft. (51 x 3 mm x 366 cm) rolls or pre-cut strips.

SSW Series—Made in both 12 ft. (366 cm) rolls and pre-cut strips. Our SSW Series comes in a variety of thicknesses ranging from 1/16 in. to 1-1/2 in. (3 mm to 19 mm) and widths ranging from 1-1/2 in. to 2-1/2 in. (38 mm to 64 mm) to wrap or tuck-in applications.

Features & Benefits:
- Rapid intumescent expansion—closes or tucks-in openings quickly
- Soft and flexible—easy to cut, and easy to wrap
- Suitable for use in field-assembled collars or tuck-in applications

Applications:
- Combustible penetrants such as nonmetallic pipes and plastic insulation
- Concrete floors, concrete walls, gypsum board walls, wood floor/ceilings

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>03250</td>
<td>SSW250 1/4 in. (6 mm) thick x 1.5 in. (38 mm) W x 12.125 in. (308 mm) L</td>
<td>25</td>
<td>3.06 lb (1.38 kg)</td>
</tr>
<tr>
<td>03125</td>
<td>SSW125 1/8 in. (3 mm) thick x 1.5 in. (38 mm) W x 8 in. (203 mm) L</td>
<td>12</td>
<td>0.61 lb (0.27 kg)</td>
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<tr>
<td>03712</td>
<td>SSWRED2 1/8 in. (3 mm) thick x 1.5 in. (38 mm) W x 12' (3.7 M) L</td>
<td>1</td>
<td>1.14 lb (0.51 kg)</td>
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<tr>
<td>03720</td>
<td>SSWBLU220 1/8 in. (3 mm) thick x 1.5 in. (38 mm) W x 8 in. (203 mm) L</td>
<td>1</td>
<td>1.02 lb (0.46 kg)</td>
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<tr>
<td>03730</td>
<td>SSWBLU230 1/8 in. (3 mm) thick x 3 in. (76 mm) W x 11-3/16 in. (292 mm) L</td>
<td>1</td>
<td>0.72 lb (0.33 kg)</td>
</tr>
<tr>
<td>03740</td>
<td>SSWBLU240 1/8 in. (3 mm) thick x 4 in. (102 mm) W x 14-5/8 in. (371 mm) L</td>
<td>1</td>
<td>0.53 lb (0.24 kg)</td>
</tr>
</tbody>
</table>

Intumescent Firestop Pillows

SpecSeal® SSB Firestop Pillows easily compress and conform around any penetrant. Equally suited for new or existing conditions, SpecSeal® Pillows make short work of even the most complex through-penetration firestop conditions.

Features & Benefits:
- Intumescent—expands in all directions for a tough, tight seal
- Single side application makes installation easy for tough access openings
- Re-installable for easy retrofitting of cables
- Heat-sealed poly cover protects core and makes pillows slide in and out with ease
- Superior air leakage ratings—base broad of tested systems
- Lightweight—easier installation
- Heat-sealed poly bag—strong and durable
- No seven seams to unravel or tear. No irritating fiberglass
- No special tools required
- Monolithic Encapsulated Core: No loose fill

Applications:
- Medium to large openings through common constructions
- Loos for cable for power, voice, and data
- Single or multiple cable trays for power, voice, and data
- Multiple metallic conduits and tubing
- Multiple, mixed penetrants of all types
- Bus ducts, HVAC ducts, and steel angles not required on small HVAC ducts

Composite Sheet

SpecSeal® Composite Sheet is the ideal solution for large openings where a permanent seal is required. Composite Sheet is a lightweight, rigid fire resistant panel consisting of an intumescent layer bonded to a galvanized steel sheet reinforced with steel wire mesh covered with aluminum foil. Composite sheet partners with other SpecSeal® firestop products, such as Firestop Collars and EZ-Path® Devices, to size down oversized openings. Custom sizes available upon request.

Features & Benefits:
- Lighter and thinner—approximately 1/2 the lightweight and thickness of the traditional composite sheet
- Easier to fabricate—engineered with the installer in mind
- Can be cut and installed with common sheet metal tools
- Intumescent—expands up to 15 times when exposed to temperature in excess of 350°F (177°C) compared to 8-10 times for competing brands. Forms a dense insulative char that minimizes heat transfer
- Hole reduction—reduces large openings when used in conjunction with other SpecSeal® or EZ-Path® Products
- Acoustically tested—reduces sound transmission

Applications:
- Medium to large openings through common constructions
- Single or multiple cable trays for power, voice, and data
- Multiple metallic conduits, conduit and tubing
- Multiple penetrants of many types
- Suitable for clean room/area environment
- Combines with the EZ-Path® System for cable penetrations through large openings
- Insulated metallic pipes, plastic pipes, and metal pipes
- Blank openings
- Bus ducts, HVAC ducts

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
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<tr>
<td>09140</td>
<td>SSB14 1 x 4 x 8 in. (25 x 102 x 203 mm)</td>
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<td>09240</td>
<td>SSB24 2 x 4 x 8 in. (50 x 102 x 203 mm)</td>
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<tr>
<td>09300</td>
<td>SSB30 3 x 4 x 8 in. (76 x 102 x 203 mm)</td>
<td>12</td>
<td>0.35 lb (0.16 kg)</td>
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<tr>
<td>09360</td>
<td>SSB36 3 x 6 x 8 in. (76 x 152 x 203 mm)</td>
<td>1</td>
<td>0.46 lb (0.21 kg)</td>
</tr>
</tbody>
</table>
Cast-In Firestop Device

**Applications:**
- 2 in., 3 in., 4 in., and 6 in. Trade Size plastic or metallic pipes
- Insulated metallic pipes
- Cable bundles
- Concrete ranging in depth from 0.5 to 6 in. (12 mm to 152 mm)
- Concrete greater than 6 in. (152 mm) using available extension tubes
- Concrete over steel deck using available Deck Adaptor Kit

**Features & Benefits:**
- Saves labor by eliminating core drilling
- Saves time; no firestopping step required
- Provides pre-installed fire and smoke sealing
- Provides added protection against water
- Adapts to a wide variety of construction conditions
- Pipes can be installed from top or bottom
- Four heights for a greater range of concrete depths

**Devices for Concrete Over Steel Deck:**
- Perforated disk
- Quick and easy firestop

**Devices for Masonry Over Wood Stud Walls:**
- 2-1/2 in. thick concrete floor and wood floor/ceiling assembly
- PVC & ABS toilet flange and drain pipe through min 2-1/2 in. thick concrete

**Applications:**
- For use with either PVC or ABS drain pipe
- For use with max. 2 in. thick light density insulation
- For use with max. 2 in. thick light density insulation and/or non-insulated ducts in walls
- For use with max. 3 in. thick light density insulation and/or non-insulated ducts in walls
- For use with max. 6 in. thick light density insulation and/or non-insulated ducts in walls

**Features & Benefits:**
- Permanent
- Always ready to use—no shelf life—no caulk tubes to dry out
- No caulk to clean up
- Installs from the top, saving labor
- Foolproof installations
- Lower installation cost
- Seamless fit for fast, easy installation with no tools required
- Tested for firestop application
- Single stage installation

**UPC# CAT NO. DESCRIPTION QTY CASE UNIT WEIGHT**
- 730573 03780 CF34 3 in. or 4 in. (76 mm or 102 mm) trade size closet flange gasket 1 10 0.48 lbs (0.21 kg)
- 730573 34234 CD202C 1.5 in. (38 mm) - 2 in. (51 mm) Trade Size Cast-In Firestop Device - Canada - For Maximum 20 in. (508 mm) Thick Concrete 1 12 0.88 lbs (0.40 kg)
- 730573 34207 CD202 1.5 in. (38 mm) - 2 in. (51 mm) Trade Size Cast-In Firestop Device - For Maximum 20 in. (508 mm) Thick Concrete 1 12 0.88 lbs (0.40 kg)
- 730573 34206 CD200T 1.5 in. (38 mm) - 2 in. (51 mm) Trade Size Tub Box Kit 1 1 1.72 lbs (0.77 kg)

**Closet Flange Firestop Gasket**

SpecSeal® Closet Flange Firestop Gaskets are one-piece, molded rubber, intumescent pads that install beneath a 3 in. or 4 in. (76 mm or 102 mm) closet flange to effectively firestop the opening. The die cut rubber gasket is perforated to delineate removable inserts sized to accommodate various outer diameters of toilet flanges.

**Features & Benefits:**
- Seamless fit for fast, easy installation with no tools required
- Lower installation cost
- Footprint installations
- Installs from the top, saving labor
- No caulk to clean up
- Always ready to use—no shelf life—no caulk tubes to dry out
- UL Certified code compliant

**Applications:**
- Designed to allow the drain pipe connected to a toilet flange to be properly firestopped without the need for firestop caulk for typical floor assemblies with plastic or metal pipes
- Iron toilet flange and drain pipe through min 2-1/2 in. thick concrete floor and wood floor/ceiling assembly
- PAC & ABS toilet flange and drain pipe through min 2-1/2 in. thick concrete floor and wood floor/ceiling assembly

**UPC# CAT NO. DESCRIPTION QTY CASE UNIT WEIGHT**
- 730573 03780 CF34 Closet Flange Firestop Gasket (3 in. or 4 in. (76 mm or 102 mm) trade size) 1 10 0.48 lbs (0.21 kg)
**Intumescent Firestop Plug**

SpecSeal® FP Intumescent Firestop Plugs are easy to install, creating a robust seal against fire and smoke. Firestop plugs make an excellent solution for temporary installation overnight, as well as permanent long-term seals for blank openings, and cable penetrations through common construction such as concrete or gypsum board. Sized to fit 2 in. and 4 in. diameter openings, firestop plugs make sealing conduit stubs and sleeves a breeze.

**Features & Benefits:**
- Intumescent—expands in all directions
- Re-installable—easy retrofitting of cables
- Easy to install—no special tools required
- Soft and resilient foam—conforms to cable surfaces
- Paintable—can be painted to match surroundings

**Applications:**
- Blank openings in sleeved concrete wall/floor and sleeved gypsum board steel or wood stud walls
- Cable Penetrations in sleeved concrete wall/floor and sleeved gypsum board steel or wood stud walls
- Max 2 in. diameter metallic and nonmetallic shower drain pipe

**Putty Pads**

SpecSeal® SSP Firestop Putty excels at sealing cable penetrations and outlet boxes. SSP Putty is non-hardening and easily hand works around grouped cable penetrations forming a re-entrable seal allowing for future work. When applied with outlet boxes, SSP Putty easily works into voids and seams forming a continuous seal against fire and the products of combustion.

**Putty Features & Benefits:**
- Non-hardening for easy installation and retrofitting of cables
- Two-stage intumescent provides aggressive expansion
- Highly adhesive—stays put
- Unaffected by humidity, condensation, water
- Soft, pliable, easy to install
- Tested and proven acoustical properties
- No tools required

**Putty Applications:**
- Small to medium openings through common constructions
- Single or multiple cables or trays for power, voice, and data
- Sleeved openings for cable bundles
- Conduits

**PowerShield® Electrical Box Insert**

SpecSeal® EP PowerShield® Electrical Box Inserts install within steel electrical boxes directly against the back of the box. PowerShield® Box inserts are equally suited for remediation as well as preinstallation before the boxes have made it to the job site. PowerShield® Box inserts incorporate pre-scored openings allowing for easy installation around ground lugs.

**Features & Benefits:**
- Easy installation—just peel and stick to inside of box
- Can be installed before or after wall is closed
- Non-conductive liner face and safe for use inside box
- Easy retrofit installation
- Rapid expansion, up to 24X, quickly seals off the passage of fire and smoke
- Low profile for minimum impact on box volume
- Tested and proven acoustical properties
- One step installation saves time and labor
- Convenitely sized to fit common switch and receptacle boxes

**Applications:**
- Single and multi-gang metallic boxes up to 14 in. (356 mm) long
- Plastic and steel faceplates
- 1 and 2 hour wood or steel stud walls

**E-Wrap™ Endothermic Wrap**

E-Wrap™ Endothermic Wrap is the ideal solution for fire protection of critical circuits and infrastructure such as fire pumps, signaling equipment, elevators, alarms, process control equipment, or distributed antenna systems (DAS). When this supple, protective wrap is installed around conduits or cable trays, E-Wrap™ provides up to 2 hours of circuit integrity ensuring continued operation under fire conditions.

**Features & Benefits:**
- Flexible material—easy to install, even on small diameter conduits
- Fewer layers required for protection—better coverage per roll
- Endothermic—releases chemically bound water to have a cooling effect
- Low Density—Weights less than competing wraps
- May be used to achieve equal F&T Ratings on penetration firestop systems
- Tested to ASTM E1725 for electrical circuit integrity

**TEST STANDARDS:**
- Plumbing: ASTM E919 (UL 1479)
- Electrical: UL283 (ASTM E119, NFPA 251), ASTM E90
- MECHANICAL • ELECTRICAL • PLUMBING
A building’s facade is distinctive. Perimeter fire barrier systems in high rise construction are an important life safety consideration, but sound fire containment practices should not interfere with design aesthetics. As a designer or builder, you need perimeter fire barrier systems that afford adaptability to work with your design, and STI can help.

Cable Spray

SpecSeal® Cable Spray applies quickly to grouped cables within cable trays, providing protection against cable jacketing ignition from direct fire exposure and slowing flame propagation. Cable Spray applies quickly with an airless spray rig, only requiring a minimum 1/8” wet applied thickness. Once cured, Cable Spray forms a flexible, water and weather resistance seal adhering to virtually all cable jacketing materials.

**Features & Benefits:**
- Easy and economical to use
- Water-based—easy cleanup, installation, and disposal
- Low friction formula—less pump wear
- Contains no inorganic fibers, asbestos, or solvents.
- Factory Mutual tested and approved.
- Brushable for touch ups, spot repairs, or small applications

**Applications:**
- Encapsulate grouped cables.
- Apply as fire breaks in cable tray runs

**SpecSeal® Cable Spray**

<table>
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<tr>
<th>UPC</th>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
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<tr>
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<td>CS105</td>
<td>5 gal. Pail (1,155 cu. in., 19.0 L)</td>
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<td>n/a</td>
<td>55.00 Lbs (25 kg)</td>
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</tbody>
</table>

**TEST STANDARDS:** FM3971, IEC 60331, IEC 60332
perimeter fire barrier protection

System Coverage Breadth Matters
STI Firestop, the leader in tested and listed curtain wall perimeter fire barrier systems, offers greater flexibility to conform to your design.
Perimeter fire barrier systems are code mandated and code officials, authorities having jurisdiction (AHJ), or other inspectors verifying building code compliance can scrutinize slab-edge conditions. More tested and listed systems mean a greater probability of code conformance, and that keeps your project on track.

Codes & Technology
Curtain wall perimeter fire barrier systems are tested to ASTM E2307. This test method uses a two-story structure known as the intermediate scale multi-story test apparatus (ISMA). The ISMA structure subjects the test assembly to fire exposure from two sides simultaneously with an exterior burner that replicates a fire induced window break. A perimeter fire barrier system must withstand the passage of flame from the lower floor to the upper floor via the gap between the floor and curtain wall.

Building codes, such as the International Building Code® (IBC) and NFPA® 5000, include provisions for preventing the floor-to-floor spread of fire and specifically refer to ASTM E2307.

Tested and Listed Systems Ensure Code Compliance
STI Firestop understands the nuances of curtain wall and perimeter fire barrier systems because of our commitment to research and development. With more tested and listed systems for perimeter fire barrier systems than any other manufacturer, our versatile solutions conform to virtually any jobsite condition.

Back Pan Curtain Walls:
Our patented shelf-system replicates real world curtain wall construction. It is the only practical system that can be built in a factory.

Shorter Spandrels; Lower Sill Heights:
Accommodates more vision glass.

More Facade Types:
Glass (opaque or clear), aluminum, stone, brick veneer, EIFS, GFRC, precast concrete, composite metal panels, and more.

Multiple Insulation Attachments: A variety of tested methods to support and attach curtain wall insulation offers unmatched flexibility in the field and lowers the overall cost of installation.

Pipes & Cables Through Floor Gap:
Pipes for radiators or electrical cables are tested to pass through the safing gap.

Fire Ratings:
Tested and listed systems up to 4 hours have you covered.

All Major Mineral Wool Brands:
Testing for all commercially available mineral wool brands.

Block Smoke Leakage:
Low L Ratings (<1 CFM/LF) included in systems to confirm ability of coating to limit air and smoke movement.

Real World Movement:
Dynamic tests replicate real world movement ranges and remain practical to install for construction workers using common tools and methods.

Acoustics:
Superior STC Ratings to help mitigate the effects of sound flanking at the slab edge.

Water-Resistance:
Products dry quickly and will not re-emulsify. Watertight/all weather grade available.
backpacks, aluminum frames

Backpans
Unitized backpan designs have become increasingly popular, presenting a multitude of new challenges under fire conditions. During a fire, deflection of the steel backpan can cause severe repercussions on the performance of the spandrel insulation, the safing insulation, and the firestop spray. Our systems are engineered to maintain the integrity of the wall to meet code requirements.

- One or two-piece tubular aluminum frames
- Minimum 22 gauge flush or recessed steel backpans vs. 18 gauge
- Lowest sill and spandrel heights
- Multiple spandrel types
  - Transparent or opaque glass panels
  - Aluminum panels and stone panels
  - Aluminum composite panels
- Optional shadow box for transparent glass panels
- Multiple insulation manufacturers
- Shortest transom spacing
- Shortest sill heights
- Documented "L" ratings
- Penetration in the safing slot
- Vertical shear movement

Aluminum Frames
STI has the most extensive testing for aluminum framed curtain walls whether factory-built unitized or field-fabricated stick. Our UL® Certified Systems provide the flexibility you need to complete your project on time with demonstrated code compliance.

- Aluminum tube systems with solid one-piece or split two-piece Mullions and transoms
- I-beam Mullions
- Lower sill heights and shorter spandrel panels
- Multiple spandrel types
  - Transparent or opaque glass panels
  - Aluminum or aluminum composite panels
  - Stone
- Optional shadow box systems for transparent glass panels
- Multiple spandrel insulation attachment methods
  - Continuous steel angles
  - Hat channels
  - Insulation hangers and steel pins
- Multiple insulation manufacturers
- Optional penetrations in the safing slot
- Documented "L" ratings
- Penetration in the safing slot
- Vertical shear movement
**Pre Cast/GFRC**
Coverage for precast concrete or GFRC is another one of our specialties, and our UL® Certified Systems are the most comprehensive.
- Lower sill heights for windows
- Traditional precast panels or precast composite panels (e.g. SlenderWall®)

**EIFS**
STI has extensive testing with steel-framed exterior walls with EIFS or a variety of different veneers, offering the very best package of UL® Certified systems for common jobsite conditions.
- Lowest sill heights for windows
- Common steel stud configurations
  - Coverage for cantilevered track conditions
  - King stud options
- Gypsum sheathing or cementitious backer units
- Multiple exterior finishes:
  - EIFS
  - Aluminum or steel siding
  - Brick veneer
  - Stucco
  - GFRC
- Glass fiber or mineral wool insulation options
- Penetrations through the safting slot
- Documented L Ratings
- No gypsum on underside of wall

---

**Quick Clip™ Perimeter Fire Barrier System**
SpecSeal Quick Clip™ Perimeter Fire Barrier System is designed to accelerate the installation of curtain wall insulation for perimeter fire barrier systems. The system’s unique brackets clip onto the mullions without direct attachment by screws to support the curtain wall insulation. Self-locking fasteners secure the insulation panels in place. Whether it’s onsite or factory installed, Quick Clip™ can dramatically reduce your installation costs.

**EIFS**
STI has extensive testing with steel-framed exterior walls with EIFS or a variety of different veneers, offering the very best package of UL® Certified systems for common jobsite conditions.
- Lowest sill heights for windows
- Common steel stud configurations
  - Coverage for cantilevered track conditions
  - King stud options
- Gypsum sheathing or cementitious backer units
- Multiple exterior finishes:
  - EIFS
  - Aluminum or steel siding
  - Brick veneer
  - Stucco
  - GFRC
- Glass fiber or mineral wool insulation options
- Penetrations through the safting slot
- Documented L Ratings
- No gypsum on underside of wall
Quick Clip™ Field Installation System

SpecSeal® Quick Clip™ Perimeter Fire Barrier System is designed to accelerate the installation of curtain wall insulation for perimeter fire barrier systems. The system’s unique U-brackets clip onto the mullions without direct attachment by screws to support the curtain wall insulation. Self-locking fasteners secure the insulation panels in place. Each U-bracket has a receiving slot to lock an “L-shaped” stiffener channel in place without the need for mechanical attachment by screws. The brackets also allow the stiffener channel to be locked into place without additional mechanical attachment. This versatile system is great for factory-insulated curtain wall panels or recladding projects where the system will be installed from the building’s exterior.

Features & Benefits:
- Tested to ASTM E1233 for 100 MPH+ wind-loads
- All components can be installed from the glass side to make glazing easier—no more flipping units
- Meets ASTM E2307 for up to 2 hours of fire-resistance

Quick Clip™ Factory Installation System

SpecSeal® Quick Clip™ L-Bracket Perimeter Fire Barrier System is the fastest way to install curtain wall insulation for perimeter fire barrier systems. Simply fasten the L-shaped brackets to the mullion, cut and fit the curtain wall insulation, and then secure the insulation in place with self-locking fasteners. The brackets also allow the stiffener channel to be locked into place without additional mechanical attachment. This versatile system is great for factory-insulated curtain wall panels or recladding projects where the system will be installed from the building’s exterior.

Features & Benefits:
- Tested to ASTM E1233 for 100 MPH+ wind-loads
- All components can be installed from the glass side to make glazing easier—no more flipping units
- Meets ASTM E2307 for up to 2 hours of fire-resistance
curtain wall sprays

Safing Spray

SpecSeal® Safing Spray is a latex-based firestop spray specifically formulated for perimeter fire barrier applications. Safing Spray’s formulation is the perfect balance between elasticity and hardness, curing to form a durable seal that is resistant to water and damage from construction debris. Prior to cure, Safing Spray easily cleans up with water and has extremely low VOC’s to meet demanding regulatory requirements.

Features & Benefits:
- Optimized for curtain wall conditions
- Shore A Hardness of 65 per ASTM D2240
- Tough polymer designed to resist damage from construction debris
- Tested for up to 4 Hour fire resistance when tested to ASTM E2307
- Fast drying latex binder base
- Easy cleanup with water
- Approved with penetrants in safing slot
- Allows for vertical application for column or shear wall interfaces
- Listed in over 100 UL® tested curtain wall systems

Applications:
- Slab edge/curtain wall conditions

Connection Protection

SpecSeal® Connection Protection is the go-to solution for protecting underside mounted mullion brackets in curtain wall construction. Custom sized to your style of bracket, Connection Protection installs quickly with common job site tools. SpecSeal® Connection Protection is the only proven method for protecting exposed mullion mounting brackets, ensuring their integrity and performance under fire exposure.

Features & Benefits:
- Eliminate mineral wool wraps and spray-applied fire resistive materials
- Professional fit and finished appearance
- No construction debris or waste
- Lightweight, slim profile
- Installs quickly with concrete screws or powder actuated fasteners

Applications:
- Slab edge/curtain wall anchors

Firestop Spray

FastTack® Firestop Spray is the ultimate in weather resistant firestop sprays. FastTack®’s hybrid copolymer formula was developed to counter the stalling effects of weather while providing unmatched washout resistance and the industry’s fastest tack-free times. FastTack® outperforms and outlasts all competing firestop coatings providing the most versatile protection on the market.

Features & Benefits:
- All-weather formula
- Early rain resistance (24-Hr Exposure; ASTM D6904) PASS
- Skins over quickly to resist water
- Tack-free in 35-45 minutes @ 77°F, 50% humidity (ASTM C679)
- For use in extreme weather conditions (cold or rain)
- Cures below freezing
- Can be top coated, spray-coated or flow applied
- Auto-bonds for easy touch ups

Applications:
- Slab edge/curtain wall conditions
- Floor to floor joints
- Floor to wall joints

Elastomeric Spray

SpecSeal® AS200 Elastomeric Spray is a latex-based elastomeric firestop spray for construction joints and perimeter fire barrier applications. AS200 cures to form a durable seal that resists the passage of the products of combustion while accommodating for high dynamic joint movement.

Features & Benefits:
- Original quick-dry elastomeric formula
- Water-based—easy installation, cleanup, and disposal
- Thixotropic—superior high build properties
- Safe—low VOCs, no solvents, non-halogenated
- Auto-bonding—may be re-coated or repaired using ES Sealant
- Low abrasion—for longer pump life and less maintenance
- Tested with direct-applied fireproofing
- Acoustically tested—reduces noise transmission
- Water-resistant—will not re-amydify when dry
- Paintable (when dry)
- Up to 50% movement (ASTM E1696/UL2079)

Applications:
- Slab edge/curtain wall conditions
- Head of wall—concrete f usted deck to gypsum wall/masonry wall
- Head of wall—concrete slab to gypsum wall/masonry wall
- Control/expansion joints (wall & floor)
- Metallic pipes, steel ducts
Adequate sealing of Construction Joints involves not just the achievable fire and smoke ratings, but also surviving the movement of the underlying joint. STI is a leader in the development of construction joint firestop materials offering products and solutions that exceed even the most extreme of movement needs.

**Elastomeric Spray**

SpecSeal® AS200 Elastomeric Spray is a latex-based elastomeric firestop spray for construction joints and perimeter fire barrier applications. AS200 cures to form a durable seal that resists the passage of the products of combustion while accommodating for high dynamic joint movement.

**Features & Benefits:**
- Original quick-dry elastomeric formula
- Water-based—for easy installation, cleanup, and disposal
- Thixotropic—superior high-build properties
- Safe—low VOCs, no solvents, non-halogenated
- Auto-bonding—may be re-coated or repaired using ES Sealant
- Low abrasion—for longer pump life and less maintenance
- Tested with direct-applied fireproofing
- Acoustically tested—reduces noise transmission
- Water-resistant—will not re-emulsify when dry
- Paintable (when dry)
- Up to 50% movement (ASTM E1966/UL2079)

**Applications:**
- Slab edge/curtain wall conditions
- Head of wall—concrete fluted deck to gypsum wall/masonry wall
- Control/expansion joints (wall & floor)
- Metallic pipes
- Steel ducts

**Elastomeric Firestop Sealant**

SpecSeal® ES Sealant is a latex-based gun grade elastomeric firestop sealant designed for construction joint applications. Once cured, ES Sealant forms a flexible shield against the passage of fire and smoke.

**Features & Benefits:**
- Elastomeric—allows movement
- Water-based—easy installation, cleanup and, disposal
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Compatible with AS200 Spray
- Safe—low VOCs, no solvents, non-halogenated
- Water-resistant—will not re-emulsify when dry
- Paintable (when dry)
- Acoustically tested—reduces noise transmission

**Applications:**
- Control/expansion joints
- Slab edge conditions
- Head of wall—concrete fluted and slab to gypsum wall/masonry wall
- Joints and gaps in sound barriers

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**TABLE:**

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<td>AS205</td>
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<td>AS205R</td>
<td>5 gal. Pail (1,155 cu. in., 19.0 L) - Red</td>
<td>1</td>
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<td>50.0 lbs (22.68 kg)</td>
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**UPC#**

| 730573 |

**CAT NO.**

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<tbody>
<tr>
<td>07107 AS205</td>
<td>1</td>
<td>50.0 lbs (22.68 kg)</td>
</tr>
<tr>
<td>07108 AS205R</td>
<td>1</td>
<td>50.0 lbs (22.68 kg)</td>
</tr>
</tbody>
</table>

**Test Standards:**
Endothermic Sealant

SpecSeal® LC Endothermic Sealant is a latex-based gun grade firestop sealant for construction joints and non-combustible penetrations. After application, LC Sealant cures to form a flexible seal against the propagation of fire. Under fire exposure, LC absorbs heat and release water vapor resisting the progress of smoke and flame.

Features & Benefits:
- Water-based—easy installation, cleanup, and disposal
- Endothermic fibers—absorb heat and release water
- High solids formula—low shrinkage
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Sandable/paintable (when dry)
- Safe—low VOCs, no solvents, non-halogenated
- Excellent sealing properties along with high build capabilities
- Excellent intumescent cover
- Acoustically tested—reduces noise transmission

Applications:
- Metallic pipes, conduits, and tubing
- Complex multiple penetrants
- Electrical cable systems
- Great choice for industrial and institutional power and utility
- Construction joints
- HVAC ductwork


SpecSeal® Joint Profile System

SpecSeal® Joint Profile partners with SpecSeal® spray-applied coatings to provide unsurpassed joint movement capabilities in standard gypsum board construction. SpecSeal® Joint Profile eliminates the need for traditional forming materials allowing for reduced application times increasing productivity.

Features & Benefits:
- Seismic testing
- Allows 100% compression or expansion
- Replaces mineral wool in construction joints
- Clean, professional appearance
- Can be used to repair cracked joints
- Alternative to caulking joints
- Use with other SpecSeal® firestop products

Applications:
- Head of wall construction joints
- Fluted deck
- Flat slab
- Repair/retrofit of cracked joints

Features & Benefits:
- HVAC ductwork
- Head of wall
- Gypsum to flat concrete slab or steel fluted deck
- Utilized as a seismic and expansion joint
- Top-of-wall joints
- Perimeter fire-barrier
- Seismic and expansion joints
- Single or multiple metallic pipes, conduits, and tubing

SpeedFlex® TTG Track Top Gasket

SpeedFlex® TG Track Top Gasket makes short work of construction joints in gypsum board construction. TTG eliminates the need for firestop sealants or sprays by firestopping as the wall is constructed. Track Top Gasket is easily cut to length with scissors or a sharp knife, installing quick with no waste. Custom sizes available upon request.

Features & Benefits:
- No caulk, no hassle, one-step solution, improves productivity, controls cost
- Works with most ceiling tracks, lightweight, easy to handle rolls
- Eliminates estimating and installation guesswork—inspect at any time
- Simple pull, stick, and shoot installation—water-resistant, no shelf life
- Acoustically tested—reduces noise transmission
- L Ratings per UL2979 for use in smoke barrier construction
- Up to 100% movement

Applications:
- Head-of-wall, bottom-of-wall, wall-to-wall joints
- Perimeter fire-barrier
- Gypsum to flat concrete slab or steel fluted deck
- Non-rated acoustical walls or fire/smoke rated walls

SpecSeal® SIL300 Silicone Sealant

SpecSeal® SIL300 Silicone Sealant is a high performance silicone firestop sealant tested to resist the passage of smoke, flame and water through construction joints and through penetrations. SIL300 Sealant cures to form a flexible seal and carries a Class 1 W Rating for water resistance (Per ANSI/UL 1479).

Features & Benefits:
- Low modulus—allows up to +/-35% movement capability
- Auto-bonding—allows fresh sealant to adhere to cured sealant
- Excellent water-resistance—for water-tight sealing
- Ozone and UV-resistant—Excellent weatherability and long service life
- Excellent chemical resistance—best choice in polluted or corrosive atmospheres
- Excellent adhesion to most building substrates
- Acoustically tested—reduces noise transmission
- Excellent smoke seal
- Neutral Cure
- UL tested for W ratings

Applications:
- Seal Edge/Curtain wall, sealing, and construction gaps
- Through-penetrations and joints
- High temperatures or movement
- Electrical, data, or telephone cable
- Seismic and expansion joints
- Top-of-wall joints
- Single or multiple metallic pipes, conduits, and tubing

TEST STANDARDS: ASTM E814 (UL 1479), ASTM E1966 (UL 2079), CAN/ULC S115, ASTM E64 (UL 723), ASTM E2307, ASTM E1399, ASTM E90
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**EZ-Path® Fire-Rated Pathway**

Make your work stand out with EZ-Path® Custom Color Fire-Rated Pathways.

Eliminate guesswork. Streamline work flow and increase the visibility of your cable pathways. Segregate cables and systems by use, type and vendor. Perform moves, adds, and changes more easily and head off potential problems by visually organizing your cable systems.

EZ-Path® Custom Color Fire-Rated Pathways—the only fire-rated pathway available in colors.
Specify your own colors. Custom attachments are also available.

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Minimums and lead times may apply.

**SpecSeal® Composite Sheet**

SpecSeal® Composite Sheet is the ideal solution for large openings where a permanent seal is required.

Composite Sheet is a lightweight, rigid fire resistant panel consisting of an intumescent layer bonded to a galvanized steel sheet reinforced with steel wire mesh covered with aluminum foil. Composite sheet partners with other SpecSeal® firestop products, such as Firestop Collars and EZ-Path® Devices, to size down oversized openings. See page 31 for standard sizes. Custom sizes, materials and thicknesses available up to 48 in. x 96 in.

Email us at customquotes@stifirestop.com

Minimums and lead times may apply.

**SpecSeal® CID Cast-In Firestop Device**

Eliminate coring and firestop before the concrete pour with SpecSeal® CID Cast-In Firestop Devices. SpecSeal® Cast-In Devices are a sleeve, concrete core and firestop rolled into a single device.

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