THE EZ-PATH® SYSTEM

The Zero-Maintenance Solution for Firestopping Cables

www.stifirestop.com
**Maximum Fire & Smoke Protection**

- Maximum resistance to fire and smoke whether empty or 100% visually filled.
- Assures fire and smoke protection with every new or retrofit cable installation.
- Superior fire and smoke leakage vs. standard sleeve and putty systems.
- Unlike conventional sleeve and putty system, EZ-Path® remains fire and smoke compliant 100% of the time!

**No Firestopping Required**

- Built-in firestopping system automatically adjusts to the number of cables installed.
- Design assures it is firestopped at all stages of use.
- Mechanical application eliminates the use of sealant, putty and other products that need to be removed and replaced.

**Fast Acting Intumescence**

- Engineered for rapid expansion when exposed to fire or high temperatures.
- Intumescent material responds to flames or heat by quickly sealing the pathway and preventing the passage of flames and smoke.
- Innovative built-in firestop design assures it is firestopped and smoke-sealed — even at maximum cable loading.
Firestopping Cables

Pays for Itself in a Few Cable Changes

- All-in-one design installs in minutes.
- Conveniently packaged kits for easy installation — no additional parts to order.
- Splits apart for old work.
- Clean, professional, engineered appearance.
- Easy moves, adds and changes.
- Can be installed as the wall is being built.

Performance

- UL® Classified and FM Approved in accordance with ASTM E814 (UL1479).
- UL systems are available for up to 4 hour rated floor and wall constructions.
- Empty or full, EZ-Path® is continuously code compliant — 100% of the time.
- Tested and approved cable capacities range from 0 to 100% visual fill.
- U.S. Patent 6,732,481

Specifications

All data, video, and communications cable bundles shall utilize an enclosed fire rated pathway device wherever said cables penetrate rated walls. The fire-rated pathway shall contain a built-in fire sealing system sufficient to maintain the hourly fire rating of the barrier being penetrated. The self-contained sealing system shall automatically adjust to the installed cable loading and shall permit cables to be installed, removed, or retrofitted without the need to adjust, remove or reinstall firestop materials. The pathway shall be UL® Classified and/or FM Systems Approved and tested to the requirements of ASTM E814 (UL1479).

Specified Divisions
DIV. 7  07 84 00  Penetration Firestopping
DIV. 26  26 00 00  Electrical
DIV. 27  27 00 00  Communications

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Choose the Right EZ-PATH® Configuration For Your Cabling Needs!

<table>
<thead>
<tr>
<th></th>
<th>Series 22</th>
<th>Series 33</th>
<th>Series 44</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height x Width</strong></td>
<td>1.5” x 1.5” (38 mm x 38 mm)</td>
<td>3.0” x 3.0” (76 mm x 76 mm)</td>
<td>4” x 4-5/8” (102 mm x 118 mm)</td>
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<tr>
<td><strong>Length</strong></td>
<td>10.5” (267 mm)</td>
<td>10.5” (267 mm)</td>
<td>14” (356 mm)</td>
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<tr>
<td><strong>Volume Expansion</strong></td>
<td>40X</td>
<td>16X</td>
<td>16X</td>
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<tr>
<td><strong>Can be Ganged</strong></td>
<td>--</td>
<td>Up to 7</td>
<td>Up to 5 in walls Up to 16 in floors</td>
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<tr>
<td><strong>Can be Lengthened</strong></td>
<td>--</td>
<td>6” (152 mm) increments</td>
<td>--</td>
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<tr>
<td><strong>Insert into Cored Hole</strong></td>
<td>2” (51 mm)</td>
<td>4” (102 mm)</td>
<td>6” (153 mm)</td>
</tr>
<tr>
<td><strong>Attached to Conduit</strong></td>
<td>--</td>
<td>4” (102 mm)</td>
<td>--</td>
</tr>
<tr>
<td><strong>Fire Rated in Walls</strong></td>
<td>Up to 4 hours</td>
<td>Up to 4 hours</td>
<td>Up to 4 hours</td>
</tr>
<tr>
<td><strong>Fire Rated in Floors</strong></td>
<td>--</td>
<td>Up to 4 hours</td>
<td>Up to 4 hours</td>
</tr>
<tr>
<td><strong>Approx. Max Cable Capacity</strong></td>
<td>25 ±</td>
<td>120 ±</td>
<td>244 ±</td>
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<tr>
<td><strong>Approx. Max Cable Capacity (Ganged)</strong></td>
<td>--</td>
<td>840 ±</td>
<td>1,220 ±</td>
</tr>
<tr>
<td><strong>Approx. Max Cable Capacity (Grid)</strong></td>
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<td>840 ±</td>
<td>3,904 ± in floors</td>
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</table>

Cable capacity estimates are based upon using CAT5. Cable diameters vary widely by manufacturer. Consult STI’s cable estimator online for accurate estimates. [www.stifirestop.com/ezpath](http://www.stifirestop.com/ezpath)

Toll Free Technical Support - 1-800-992-1180
Series 22 - Pathway Installation Kit

Series 22 is designed for new or existing cable installations through walls (only) up to 9 in. (230 mm) thick and holds up to 24 CAT 5E cables. Pathway can be mounted as a single unit in either a 2 in. (51 mm) round or a 1.5 in. (38 mm) x 1.5 in. (38 mm) square opening.

Cat. No. EZD22

This item does not offer wallplates separately.

Series 33 - Pathway

The Series 33 Pathway is designed for new or existing cable installations up to 9 in. (229 mm) thick walls or floors. Series 33 pathway holds up to 120 CAT 5E cables and can be ganged for additional capacity. A wide variety of accessories easily adapt 33 Series Pathways to a broad range of applications.

Cat. No. EZD33FWS

- Available in semi-custom colors.
- Sold as a complete kit or as individual devices.
- Pathway kits include pathway, wall plates, gaskets, labels, required set screws and allen key.
- See installation options (p. 5-8) for available configurations.

Series 33 - Installation Options

A choice of two wall plate designs are available for installing a single Series 33 pathway through finished walls.

Circular Wall Plate Kits allow a single Series 33 Pathway to be installed in a 4 in. (102 mm) round opening or 3 in. (76 mm) x 3 in. (76 mm) square opening.

Cat. No. EZDP133CW

Square Wall Plate Kits allow a single Series 33 Pathway to be installed in a 3 in. (76 mm) x 3 in. (76 mm) square opening.

Cat. No. EZDP33FWS

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Series 33 - Multiple Pathway Installation Options

Using EZ-Path® Multi-Gang plates, Series 33 pathways can be grouped for additional capacity and cable organization.

The Two Gang Kit is designed to allow two Series 33 Pathways to be installed in a 3 in. (76 mm) x 6" (152 mm) opening. Installs in finished wall.

Cat. No. EZP233W
Without Pathway
Cat. No. EZDP233GK
Optional Stud Attachment

The Three Gang Kit is designed to allow three Series 33 Pathways to be installed in a 3 in. (76 mm) x 9 in. (229 mm) opening. Installs in finished wall.

Cat. No. EZP333W
Without Pathway
Cat. No. EZDP333GK
Optional Stud Attachment

Four Gang Kit is designed to allow four Series 33 Pathways to be installed in a 3 in (76 mm) x 12 in (305 mm) opening. Attachment plates can be fastened to studs spaced 16 in (406 cm) O.C. as the wall is being built or they can be installed in finished walls.

Cat. No. EZP433W
Without Pathway
Cat. No. EZDP433GK
Optional Stud Attachment

For a price premium, Series 33 Pathways can be ordered in a range of custom colors.

Cat. No. EZDP433GK-C*

Ordering Details
• Check factory for color availability and lead times.
• Sold with four pathways (ORANGE, BLUE, YELLOW, and WHITE) and four gang mounting plate pack.

NOTE: Optional mounting screws must be purchased separately.

Seven Gang Kit is designed to allow seven Series 33 Pathways to be installed in a 3 in (76 mm) x 21 in (533 mm) opening. Attachment plates can be fastened to studs spaced 24 in (610 mm) O.C. as the wall is being built or they can be installed in finished walls.

Cat. No. EZP733W
Without Pathway
Cat. No. EZDP733GK*
Optional Stud Attachment

These multi-gang kits have optional attachment holes that allow them to be fastened directly to internal wall framing for greater support.
As an option, the wall frames can be attached to the studs and the pathways can be installed as the wall is being built.

Toll Free Technical Support - 1-800-992-1180
Series 33 - Specialty Installation Options

Uniquely engineered attachment plates provide quick and easy mechanical attachment of Series 33 pathways to a variety of common conditions.

New or Existing Cable Installations Through Floors Using Core Drilled Opening

The Kick-In Floor Kit installs a Series 33 Pathway into a 4 in. (102 mm) core drilled round opening. Built-in, self-locking fasteners securely wedge the pathway into the concrete. Installation is simple! Insert plate into opening. Insert pathway into plate and tighten set screws. Plate is locked in place! No fasteners and no sealant required!

**Cat. No. EZP133R**

**Cat. No. EZP133K** Without Pathway

Cat. No. EZDP133FK

New or Existing Cable Installations in 4” Sleeves or Conduit

The Conduit Attachment Kit installs a Series 33 Pathway within a 4 in. (102 mm) sleeve or conduit. The split plate design allows for installation in both new and existing cabling applications.

**Cat. No. EZP133CA** Without Pathway

Cat. No. EZDP133CAK

Previously Installed Cables Through Walls and Oversized Openings Through Walls

Retrofit/Repair Wall Kit is a multi-purpose split mounting plate designed to facilitate EZ-Path® installations around previously installed cables or in new or existing cabling applications where a large opening or opposing offset openings have been created in either gypsum board or masonry block walls. The assembled two-piece plates measuring 8 in. x 10 in. (203 mm x 254 mm) can be rotated independently of each other in 90° increments to cover irregular or offset openings. Plates are designed to overlap the wall openings on both sides by 1 in. (25 mm) in all directions, permitting fasteners to be attached solidly to undamaged, structurally intact wall surfaces.

**Cat. No. EZP133R**

**Cat. No. EZP1333WR**

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The Extension Module attaches to the end of a Series 33 Pathway increasing the effective length for thicker barriers. A single extension can be mounted on one end to increase the pathway length by 6 in. (152 mm). Extensions can be mounted at both ends to increase Pathway length by 12 in. (305 mm). Extensions are designed to work with all other accessories.

- Sold as individual devices.

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 backfilled or caulked into an opening.

- Sold in pairs.
- Caulk and sealant products sold separately.

Radius Control Modules (RCM) snap into the ends of pathways and provide a 1 in. (25 mm) minimum bend radius for cables. UL94 V-O flame retardant, impact resistant polycarbonate, RCMs support cable bundles at 100% rated loading. Insertion slots are provided for support ties (not included).

- Sold in pairs.
Series 44 - Pathway

Designed for new or existing cable installations up to 10 in. (250 mm) thick through walls or floors, the EZ-Path® Series 44 pathway holds up to 240 CAT 5E cables. Pathways can be ganged for additional capacity.

Cat. No. EZD44
Pathway Only

Series 44 - Pathway Installation Options

Install a Single Series 44 Pathway Through Finished Walls

Single Wall Plate Kit is designed to allow a single Series 44 Pathway to be installed in a 6 in. (152 mm) round opening or 4-1/8 in (105 mm) x 4-5/8 in (118 mm) opening.

Cat. No. EZP144W
Without Pathway

Install a Single Series 44 Pathway Through Floors

The Split Floor Plate Kit is designed to allow a single Series 44 Pathway to be installed in a 6 in. (152 mm) round opening or 4-1/8 in. (105 mm) x 4-5/8 in. (118 mm) opening. Split plate is designed to permit use with previously installed cables.

Cat. No. EZP144FK
Without Pathway

Multiple or Ganged Pathway Installations

Multi-Gang Wall Brackets are designed to allow 1 to 5 Series 44 Pathways to be installed in finished walls or as the wall is being built. Plates attach directly to studs and pathways are installed prior to application of gypsum board. Brackets are suitable for attachment to studs spaced up to 24 in. (610 mm).

Ordering Details
- Plate packs include plates, gaskets, set screws and labels.
- Purchase Pathways (EZD44) and appropriate fasteners separately.

Cat. No. EZP544W

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Series 44 - Pathway Installation Options

Modular Floor Grid System

An EZ-Path® Solution for High Volume Cable Penetrations through Floors

Now there is a bolt-in solution for riser applications that brings the safety and simplicity of EZ-Path® to your vertical cable installations.

The EZ-Path Modular Floor Grid System can handle literally thousands of cables.

Modular Floor Grid Systems utilize the high volume, EZ-Path 44 Series 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.

Single Slot Grid

Cat. No. EZD444W
Capacity: 4 Pathways
Sold complete with grid and pathways.

Multi-Slot Grids

Cat. No. EZG844
Capacity: 8 Pathways
Two (2) EZD444G

Cat. No. EZG1644
Capacity: 16 Pathways
Four (4) EZD444G

Floor Frame Only. Firestop panels included to seal unused slots. Pathway modules ordered separately, shown at right.

Pathway Module

Cat. No. EZD444MB
Includes 4 Pathways & Hanger Brackets (For use in EZG844 and EZG1644)

Toll Free Technical Support - 1-800-992-1180
### Ordering Information

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<thead>
<tr>
<th>UPC</th>
<th>CATALOG NUMBER</th>
<th>DESCRIPTION</th>
<th>MIN. QTY/ CASE QTY.</th>
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<td>EZ-Path® Fire-Rated Pathway Devices &amp; Kits*</td>
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<td>EZD33FWS</td>
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<td>Series 33 Square Kit - Device with square wall plate pack</td>
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<td>Series 33 Circular Kit - Device with circular wall plate pack</td>
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<td>Series 33 Kick in Kit - Device with kick-in plate pack</td>
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<td>EZG1644</td>
<td>Series 44 - Multi-Slot Frame for Sixteen (16) Pathways</td>
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*All Kits include appropriate quantity of pathways, wall plates, gaskets, labels, required set screws and an allen key.

**All plate packs include wall plates, gaskets, labels, required set screws and an allen key.

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