

EZ Path® Series 44+ Fire-Rated Pathway



The EZ Path® Series 44+ Fire-Rated Pathway is a pathway device designed to allow cables to penetrate fire-rated walls and floors without the need for firestopping. This device features a built-in fire and smoke sealing system that automatically adjusts to the amount of cables installed. Once installed in a fire-rated barrier, cables can be easily added or removed at any time without the need to remove or reinstall firestopping materials.

The EZ Path® Series 44+ Fire-Rated Pathway consists of an enclosed heavy gauge galvanized steel pathway lined with intumescent material engineered for rapid expansion when exposed to fire or high temperatures, quickly sealing the pathway and preventing the passage of flames and smoke. EZ Path® Series 44+ Fire-Rated Pathway is painted safety orange for easy identification. Its compact square profile allows a maximum number of cables to be installed in a relatively small area. The pathway measures approximately 4 in (101.6 mm) x 4-5/8 in (118 mm) and is 14 in (356 mm) long and can be increased by 6" (152 mm) for every Series 44+ Extension module (EZD44ES) installed. The device accommodates wall thicknesses up to 12" (305 mm) without the use of the Series 44+ Extension module.



Applications

EZ Path® Series 44+ Fire-Rated Pathway is designed for easy installation in floors and walls. Tested and approved cable capacities range from 0 to 100% visual fill. EZ Path® Series 44+ Fire-Rated Pathway when installed with available single wall plates is designed for new cable installations. In these installations, the device does not require mechanical attachment to either the wall or the wall framing and must be installed after the wallboard has been installed. Split floor plates and multi-gang wall and floor brackets permit installation around previously installed cables if so desired. These installations require mechanical attachment to the barrier. A list of available accessories along with their intended use is shown on page 2 under available components.

EZ Path® Series 44+ Fire-Rated Pathway Fire-Rated Pathway provides exceptional cable capacity. A single unit installed in a wall exceeds the cable carrying capacity of a 6 in (152 mm) sleeve utilizing typical putty firestop systems (35% cable loading). Multiple ganged pathways utilizing available wall bracket kits provide additional capacity or segregation of cables by use, type, installer or vendor as desired.

PHYSICAL PROPERTIES	
Shell Composition	0.059" (1.5 mm) Galvanized Steel
Cable Loading Area	12.66 sq in (81.7 sq cm) 3-3/8" (86 mm) x 3-3/4" (95 mm)
Allowable Cable Fill	0 to 100% Visual
Fire Resistance Ratings	1, 2, 3 and 4 hour
Expansion Begins	350°F (177°C)
Volume Expansion	15x
Sample Cable Volume - Cat 6 (0.236" OD)	210 (nom.)
In Service Temperature	-10°F (-23°C) to 120°F (49°C)
Storage Temperature	Less than 120°F (49°C)
Shelf Life	No Limit

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Specifications

All data, video, and communications cable bundles shall utilize an enclosed Fire-Rated pathway device wherever said cables penetrate rated walls and floors. 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 remove or reinstall firestop materials. The pathway shall be UL Certified and/or FM Systems Approved and tested to the requirements of ASTM E814 (UL1479) and CAN/ULC-S115.

Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division 26	26 00 00	Electrical
Division 27	27 00 00	Communications

Features & Benefits

- Easy to install
- No firestopping required
- Firestopped at all stages of use
- UL tested - low leakage
- Acoustically tested
- UL Certified for the complete range of its capacity
- Interlocking design for easy gang installations
- Permits cable segregation by use, type, vendor
- More than twice the capacity of EZ Path® 33

Performance

EZ Path® Series 44+ Fire-Rated Pathway is UL Tested and Certified in accordance with ASTM E814 (UL1479) and CAN/ULC-S115. Systems are available for common floor and wall constructions with ratings up to and including 4 hours.



Limitations

This product has been designed to be safe with plastics. It has been used extensively and successfully with various types of plastic pipes, tubes, and plastic cable insulations. Variations in these materials, however, make it impossible to guarantee compatibility. STI strongly recommends that the user consults with the pipe, tubing, or cable manufacturer in question regarding any known sensitivities or potential restrictions before applying this product.

Cable Installation

Cables may easily be added or removed at any time without removing or reinstalling the fire seal. Cables may be added individually or in bundles. Wrapping ends with a low-friction tape facilitates cable insertion. A self-adjusting cable throat automatically adjusts to accommodate the cable bundle as it passes through the pathway.

Maintenance

No maintenance of the pathway is normally required.

System Selection

To find your firestop system or create a submittal, visit <https://systems.stifirestop.com/> to use System Search & Submittal Builder. You may also visit the [UL Online Certifications Directory/UL Product iQ™](#) for complete listings. (Firestop Systems).

Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website www.stifirestop.com including Safety Data Sheets (SDS's).

Precautionary Information

The use of this device is subject to local, regional and national codes. Consult the local Building Code Official or Authority Having Jurisdiction regarding any regional or local requirements that might influence the selection or use of this product.

Availability

EZ Path® Products are available from Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technology products, please call 1-800-992-1180 or visit www.stifirestop.com.

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Patents

US2007175125A1; US7427050B2; US2007125018A1; US7523590B2; US2006138251A1; US7373761B2; US2014020915A1; US8869475B2; CA2427515A1; CA2427515C; EP3355997A1; EP3355997A4; EP3355997B1; EP3355997B8

ORDERING INFORMATION - SINGLE DEVICE

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
EZD44S2	730573001004	Fire-Rated Pathway Device	1	4	5.56 lbs (2.52 kg)
EZDP44S2	730573001066	Fire-Rated Pathway Kit – Device with wall plates and labels	1	1	7.92 lbs (3.59 kg)
EZP144W	730573001448	Single Wall Plates and Labels	1	1	2.11 lbs (0.96 kg)
EZDP144RS2	730573001073	Split Wall Plate – Device with split wall plate and labels	1	1	8.17 lbs (3.70 kg)
EZP144RS	730573001486	Split Wall Plate – Plate only	1	1	2.42 lbs (1.10 kg)
EZDP144FKS2	730573001080	Floor Kit – Device with floor plate	1	1	7.32 lbs (3.32 kg)
EZP144F	730573008348	Split Floor Plate – Plate only	1	1	1.50 lbs (0.68 kg)

ORDERING INFORMATION - GANG PLATES FOR WALLS

EZP544W	730573005446	Multi-gang wall plate brackets for 1-5 devices	1	8	3.91 lbs (1.77 kg)
EZP544WD	730573005460	Multi-gang wall plate brackets for 2-10 devices	1	8	4.00 lbs (1.81 kg)
EZP644W	730573006481	Multi-gang wall plate brackets for 6 devices	1	8	4.40 lbs (1.99 kg)
EZP644WD	730573006573	Multi-gang wall plate brackets for 12 devices	1	8	4.80 lbs (2.18 kg)
EZP544WV	730573005477	Vertical Multi-Gang Wall Bracket Kit for 1-5 devices	1	1	7.00 lbs (3.18 kg)

ORDERING INFORMATION - MODULAR FLOOR GRID SYSTEM

EZDG444S2	730573001103	Single Bank Floor Grid – Four (4) Devices with floor frame	1	1	37.40 lbs (16.96 kg)
EZG444	730573004433	Single-Slot Frame for Four (4) Pathways	1	1	11.39 lbs (5.17 kg)
EZDG844S2	730573001110	Dual-slot Frame Kit with 8 Pathways – (Includes eight (8) Series 44+ devices with EZG844)	1	1	65.86 lbs (29.87 kg)
EZG844	730573008447	Dual-Slot Frame for Eight (8) Pathways	1	1	16.25 lbs (7.37 kg)
EZDG1644S2	730573001127	Quad-slot Frame Kit with 16 Pathways – (Includes sixteen (16) Series 44+ devices with EZG1644)	1	1	49.96 lbs (22.66 kg)
EZG1644	730573006443	Multi-Slot Frame for Sixteen (16) Pathways	1	1	26.59 lbs (12.06 kg)
EZG444CP	730573004494	Floor Grid Splice Plate Kit – includes plate and gasket	1	1	2.11 lbs (0.95 kg)
EZD444MBS2	730573001097	Single Bank of Devices – Four (4) Devices with hanger bracket	1	1	23.37 lbs (10.60 kg)
EZP444MB	730573004487	Hanger Bracket for Modular Floor Grid System	1	1	1.30 lbs (0.59 kg)
TRK444	730573004463	T-Rating Kit	1	1	15.36 lbs (6.97 kg)

ORDERING INFORMATION - ACCESSORIES

EZD44ES	730573000694	6" Extension Module – use with Series 44+ pathway ONLY	1	1	2.44 lbs (1.11 kg)
EZRCM44S	730573009345	Radius Control Module – one pair (2) for use with Series 44+ pathway ONLY	1	1	0.12 lbs (0.05 kg)

IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON TESTING BELIEVED TO BE RELIABLE, BUT THE ACCURACY AND COMPLETENESS THEREOF IS NOT GUARANTEED.

 STI TYPICALLY WARRANTIES ITS PRODUCTS FOR ONE FULL YEAR. FOR COMPLETE DETAILS OF OUR STANDARD WARRANTY, PLEASE VISIT WWW.STIFIRESTOP.COM/LEGAL/WARRANTY

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