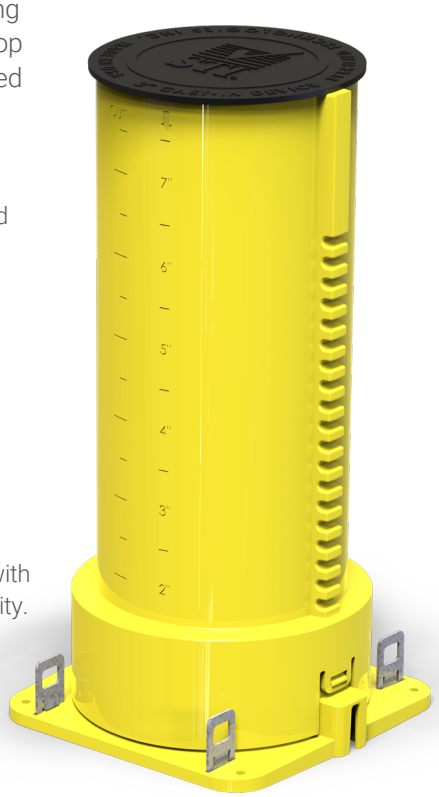
SpecSeal® Cast-In Firestop Device

SpecSeal® CID

SpecSeal® Cast-In Firestop Devices are a sleeve, a concrete core, firestop, and watertight seal. The device incorporates an intumescent firestopping system that acts as a flexible fire and smoke-sealing system. The 2 in (51 mm), 3 in (76 mm), 4 in (102 mm) and 6 in (152 mm) devices are sized to accommodate both metal and plastic pipes ranging from 1.5 in (38 mm) to 6 in (152 mm) trade sizes. Each respective size has extensions available that feature an adjustable pin allowing variable heights of 8" through 36" to cover a wide range of concrete thicknesses. The sleeve is bidirectional allowing for both floor and ceiling penetration. Accessories are available to adapt SpecSeal® Cast-In Firestop Devices to other uses. Available accessories include a steel deck kit to facilitate installation in fluted metal deck as well as tub box and aerator adapter.



Applications

SpecSeal® Cast-In Firestop Devices are engineered for use in concrete floors and ceilings to form firestopped openings for various through penetrating items including plastic or metal pipes, cables, and insulated pipes.

Specifications

The firestop system shall be a single component, molded plastic sleeve supplied with a fully encapsulated, tamper-proof integral firestop system and smoke sealing gasket. The device shall be installed in accordance with the manufacturer's written instructions. A single device may be used for both metal and plastic piping accommodating heights up to 8" via cutting or for heights over 8" with extensions utilizing an adjustable pin. Sleeve is bidirectional and designed for both floor and ceiling penetrations.The device shall also be certified by Underwriters Laboratories Inc. (UL) as a through-penetration firestop device when tested to ASTM E814 (UL1479) and CAN/ULC-S115 for up to a three hour rating. The device shall also be certified by Underwriters Laboratories Inc. (UL) as a Class 1 water rated system and has withstood a 3-ft head of water for 72 hours with no leakage (per UL-1479 W-rating). Manufactured in the United States in an ISO certified manufacturing facility.

Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division 22	22 00 00	Plumbing
Division 23	23 00 00	HVAC
Division 26	26 00 00	Electrical

UL CERTIFIED

FBC SYSTEM COMPATIBLE

2", 3" & 4" are FM Approved

PHYSICAL PROPERTIES

Shell Construction	Polycarbonate-Acrylonitrile Butadiene Styrene (PC-ABS)
Tube and Cap Construction	Polypropylene (PP)
Gasket Construction	Thermoplastic Polyurethane (TPU)
Expansion Begins	320°F (160°C)
Volume Expansion	250x (free expansion)
In Service Temperature	Max. 130°F (54°C)
Shelf Life	No Limit

Features & Benefits

- Saves money by eliminating core drilling.
- Single device for metal and plastic piping.
- Sleeve is bidirectional allowing for both floor and ceiling penetration.
- Saves time - no firestopping step required.
- Visible yellow tube for added job site safety.
- Provides pre-installed fire and smoke seal.
- Provides protection against water damage (W-Rating).
- Adapts to a wide variety of construction conditions.
- Adjustable pin provides variable heights to match concrete depth.
- Environmentally friendly.
- Manufactured in the USA in an ISO certified facility.
- Factory-metered dose of intumescence; eliminates guess work.

*2", 3" and 4" devices only tested with a pressure differential of 50 Pa.

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Performance

SpecSeal® Cast-In Firestop Devices have been successfully tested in accordance with ASTM E814 (UL1479) and *CAN/ULC-S115 in one, two, and three hour fire-rated floor assemblies. Consult factory for individual system designs and application requirements. *2", 3" and 4" devices only tested to a pressure differential of 50 Pa.

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.

Maintenance

Installations should be inspected periodically for subsequent damage. Any damage should be repaired using SpecSeal® products.

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

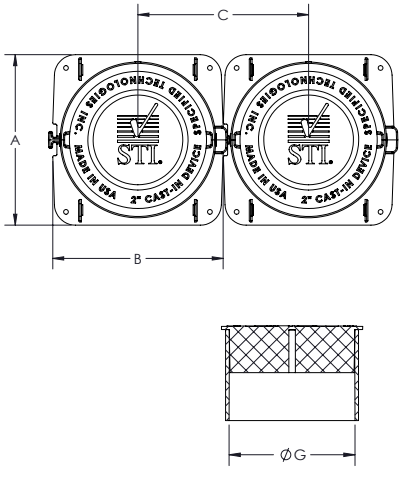
No unusual hazards are known or expected. Observe normal safety procedures during installation.

Availability

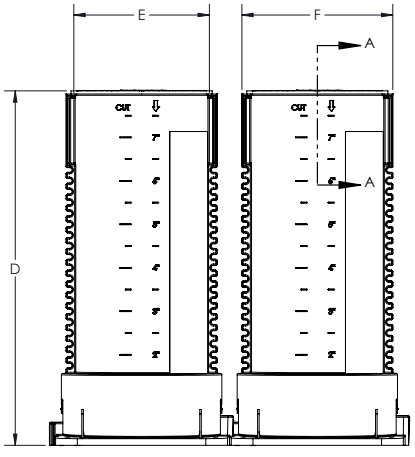
SpecSeal® Cast-In Firestop Devices are available from Specified Technologies Inc. (STI) authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technology products,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

DEVICE DIMENSIONS

	CD201GW	CD301GW	CD401GW	CD601GW
A	4 in (102 mm)	5.8 in (147 mm)	6.8 in (173 mm)	9 in (229 mm)
B	4 in (102 mm)	5.8 in (147 mm)	6.8 in (173 mm)	9 in (229 mm)
C	4 in (102 mm)	5.8 in (147 mm)	6.8 in (173 mm)	9 in (229 mm)
D	8 ± 1/8 in (203 ± 3 mm)			
E	3.1 in (79 mm)	4.1 in (104 mm)	5.1 in (129.5 mm)	7.1 in (180 mm)
F	3.5 in (89 mm)	4.5 in (114 mm)	5.5 in (140 mm)	7.5 in (190.5 mm)
G	2.9 in (74 mm)	3.9 in (99 mm)	4.9 in (124.5 mm)	6.8 in (173 mm)



SECTION A-A



SpecSeal® Cast-In Firestop Device

SpecSeal CID

Ordering Information

DEVICES FOR COMBUSTIBLE AND NONCOMBUSTIBLE PENETRANTS

Catalog Number	Description	UPC Number	Pipe Trade Size	Concrete Thickness	(UOM) Qty.	Case Qty.	Weight (Each)
CD201GW	2" Device	730573950845	1.5 in. (38 mm) - 2 in. (51 mm)	2.75 - 8 in (69.9 - 203 mm)	1	12	0.60 lbs (0.27 kg)
CD301GW	3" Device	730573951217	3 in (76 mm)	2.75 - 8 in (69.9 - 203 mm)	1	12	1.45 lbs (0.65 kg)
CD401GW	4" Device	730573951224	4 in (102 mm)	2.75 - 8 in (69.9 - 203 mm)	1	12	1.6 lbs (0.72 kg)
CD601GW	6" Device	730573951293	6 in (152 mm)	2.75 - 8 in (69.9 - 203 mm)	1	6	2.95 lbs (1.33 kg)

EXTENSIONS FOR COMBUSTIBLE AND NONCOMBUSTIBLE PENETRANTS*

Catalog Number	Description	UPC Number	Pipe Trade Size	Concrete Thickness	(UOM) Qty.	Case Qty.	Weight (Each)
CD201EK	2" Extension Kit	730573951231	1.5 in. (38 mm) - 2 in. (51 mm)	See Extensions Table	1	12	0.2 lbs (0.09 kg)
CD301EK	3" Extension Kit	730573951248	3 in (76 mm)		1	12	0.3 lbs (0.14 kg)
CD401EK	4" Extension Kit	730573951255	4 in (102 mm)		1	12	0.35 lbs (0.16 kg)
CD601EK	6" Extension Kit	730573951299	6 in (152 mm)		1	6	0.43 lbs (0.20 kg)

EXTENSION DEPTH TABLE*

Catalog Number Device	Catalog Number Extensions	Pipe Trade Size	Device Configurable Height Range			
			Base + 1 Extension	Base + 2 Extensions	Base + 3 Extensions	Base + 4 Extensions
CD201GW	with CD201EK	1.5 in (38 mm) - 2 in (51 mm)	10" (254 mm) - 14.5" (368 mm)	16.5" (419 mm) - 21.75" (552 mm)	23" (584 mm) - 29" (737 mm)	29.5" (749 mm) - 36.25" (921 mm)
CD301GW	with CD301EK	3 in (76 mm)				
CD401GW	with CD401EK	4 in (102 mm)				
CD601GW	with CD601EK	6 in (152 mm)				

CAST-IN AERATOR ADAPTER*

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
CD300A	730573343051	3 in. (76 mm) Cast In Device Aerator Adapter, Device not Included	1	6	1.61 lbs (0.73 kg)
CD400A	730573344058	4 in. (102 mm) Cast In Device Aerator Adapter, Device not Included	1	6	1.80 lbs (0.82 kg)

CAST-IN TUB BOX*

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
CD23T	730573342404	Tub Box Kit for 2 in. & 3 in. Cast-In Devices, Device not Included	1	1	1.88 lbs (0.85 kg)

CAST-IN DECK ADAPTER KITS*

Catalog Number	UPC Number	Pipe Trade Size	(UOM) Qty.	Case Qty.	Weight (Each)
CD201DK	730573342084	1.5 in. (38 mm) - 2 in. (51 mm)	1	6	0.70 lbs (0.32 kg)
CD301DK	730573343098	3 in. (76 mm)	1	6	0.95 lbs (0.43 kg)
CD401DK	730573344101	4 in. (102 mm)	1	6	1.24 lbs (0.56 kg)
CD601DK	730573343043	6 in. (152 mm)	1	6	2.22 lbs (1.01 kg)

CAST-IN DRAIN DEVICE*

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
CD201FD	730573342435	2 in (51 mm) Trade Size Floor Drain Device	1	12	3.62 lbs (1.64 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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FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

IFC MEMBER