



Firestopping Products



Engineering Tested By Fire

RectorSeal Firestopping Products

Since the birth of the firestopping industry almost three decades ago, RectorSeal has been at the forefront of the Fire Protection products industry. Through innovation and continuous improvement, the FlameSafe® line of products has become a leading source for the firestopping industry. Our highly trained professionals are dedicated to the manufacturing, development and marketing of firestop products.

FlameSafe products are marketed worldwide, with regional offices and manufacturing facilities to serve our customers' needs. Our comprehensive line of firestop products includes intumescent/elastomeric products, sealants, mortar, putty and putty pads, firestop bags, sleeves, devices and a full line of cable protection products which are ideal for new or retrofit applications in commercial, industrial and residential buildings. Materials in the FlameSafe product line are manufactured in the U.S.A.

As an acknowledged leader in the construction products industry, RectorSeal takes quality to the next level. RectorSeal Firestopping Products remain dedicated to producing innovative, easy to use, quality products that save lives and property.

Technical Support

When you have a serious question about firestopping, you need a serious answer – fast. That's why our technical support team is thoroughly trained and extremely knowledgeable about firestop. When you need an answer, you get one from someone with experience and background you can trust.

Our technical staff is dedicated to helping you select and specify firestop systems which assure maximum protection for each of your projects.

Technical support is available by calling the toll free number 800-231-3345 or by visiting our website at <http://flamesafe.rectorseal.com>



Visit our web site at

<http://flamesafe.rectorseal.com>

Firestop Sealants



- **FS 1900 Intumescent/Elastomeric Sealant** is an intumescent, water-based firestop sealant designed to provide excellent adhesive and elastomeric properties.



- **FS 900+ Elastomeric Sealant** is a water-based sealant designed for an economical solution to various construction conditions. FS 900+ is available in caulk and self-leveling grades.



- **FS 4000 Silicone Sealant** is a silicone based sealant available in caulk and self-leveling grades designed for use where moisture may be present.

Firestop Coatings



- **FS 3000 Elastomeric Coating** is a water-based, elastomeric coating that is designed for spray or brush application of construction joints and top of wall.

Firestop Pillows



- **FlameSafe Pillows** are designed for firestopping small power cables and data/telecommunications cables that require retrofitting.

Firestop Bags



- **FlameSafe Bags** are patented firestop bags designed for demanding applications requiring durability and frequent re-entry.

Firestop Wrap Strips, Sleeves and Devices



- **Wrap Strip Device (FSWSD)** is a pre-assembled, highly intumescent wrap strip and restraining collar used to firestop combustible penetrants such as PVC, cc-PVC, CPVC, FRPP and ABS pipe, especially in areas where annular space is restricted.



- **Intumescent Sleeve (FSIS)** is a firestop seal device for non-metallic pipes and rigid, non-metallic conduit penetrants in walls or floors.



- **Intumescent Wrap Strip (FSWS)** is a highly flexible, resilient strip designed to firestop combustible penetrants in fire rated walls and floors.

Firestop Putty and Putty Pads



- **FSP 1000 Intumescent Putty** is an easy to install, cost effective, non-hardening firestop approved for power and data communication cables.



- **FSP 1077 Putty Pads** provide thermal fire protection specifically designed to cover electrical boxes in fire rated walls

Cable Protection Products and Systems



- **Cable Protection Products** These products and systems are designed to limit the propagation of fire on electrical conductors such as cables in trays, loose cable bundles and other cable installations.

Tested systems for every application — Electrical,

	DESCRIPTION	WALL/FLOOR TYPE	
DYNAMIC JOINTS	Gypsum wall to fluted deck	Head-of-Wall	
	Gypsum wall to fluted deck "cookie cutter design"	Head-of-Wall	
	Gypsum wall to concrete floor	Head-of-Wall	
	Gypsum wall under protected I-Beam	Head-of-Wall	
	Gypsum wall w/ Penetrating I-Beam	Head-of-Wall	
	Max. 4-1/2", concrete floor to concrete floor	Floor-to-Floor	
	Max. 4-1/2", concrete floor to concrete or block wall	Floor-to-Wall	
	Max. 4-1/2", concrete or block wall to concrete or block wall	Floor-to-Wall	
PERIMETER BARRIERS	Steel studded wall w/ min. 1-1/2 in. thick concrete panels	Curtain Wall	
	Aluminum framed wall w/ heat strengthened glass panels	Curtain Wall	
	Steel framed wall w/ max. 4 in. thick EIFS w/ vision glass	Curtain Wall	
	Steel framed wall w/ stone veneer exterior w/ vision glass	Curtain Wall	
	Steel framed wall w/ brick veneer exterior w/ vision glass	Curtain Wall	
	Aluminum framed wall w/ glass and aluminum spandrel (windows at floor line)	Curtain Wall	
METALLIC PENETRANTS	24" steel, 6" copper, or 4" EMT	Concrete Wall/Floor	
	(6) 1" flexible steel conduits	Concrete Floor/Wall	
	(8) 6" steel, 4" copper, or 2" EMT (2-1/2 in. slab)	Concrete Floor/Wall	
	24" steel pipe, 6" copper pipe, or 4" EMT	Concrete Wall/Gypsum Wall	
	Multi pene, 3" steel, iron, or EMT	Concrete Wall/Gypsum Wall	
	4" steel pipe or EMT, or 3" copper pipe	Wood Joist Floor/Ceiling	
	Multiple flexible steel conduits	Wood Joist Floor/Ceiling	
	8" RNC, PVC, cc-PVC, or CPVC pipe	Concrete Wall/Floor	
NON-METALLIC PENETRANTS	3" RNC, PVC, CPVC, or ABS pipe	Concrete Floor/Wall	
	8 in. PVC pipe	Concrete Wall/Floor	
	4" RNC, ABS, cc-ABS, or FRPP pipe (2-1/2 in. slab)	Concrete Wall/Floor	
	4" RNC, PVC, cc-PVC, or CPVC	Concrete Wall/Gypsum Wall	
	2" RNC, PVC, cc-PVC, CPVC, ABS, or cc-ABS	Concrete Wall/Gypsum Wall	
	4" RNC, PVC, CPVC, ABS or cc-ABS pipe	Wood Joist Floor/Ceiling	
	Multiple flexible nonmetallic tubing	Wood Joist Floor/Ceiling	
	(3) 1" PEX tubing	Wood Joist Floor/Ceiling	
	CABLES	Multiconductor and telecom cables	Concrete Wall/Floor
		Multiconductor, coaxial and telecom cables (2-1/2 in. slab)	Concrete Wall/Floor
Coaxial, telecom, and metal clad or armored cables		Concrete Floor/Wall	
Max. 2-3/4 in. bundle of coaxial, multiconductor, and telecom cables w/ max. 4 in. dia. opening		Concrete Wall/Gypsum Wall	
Telecom, Romex, coaxial, and metal clad cables w/ max. 4 in. diameter opening		Wood Joist Floor/Ceiling	
Telecom, Romex, coaxial, and SER cables w/ max. 2 in. diameter opening		Wood Joist Floor/Ceiling	
CABLE TRAYS	36 x 5" aluminum or steel	Concrete Wall/Floor	
	24 x 6" aluminum center spline	Concrete Wall/Gypsum Wall	
INSULATED PIPE	10" metallic pipe w/ 1" AB/PVC foam	Concrete Wall/Floor	
	8" metallic pipe w/ 3" foamglas	Concrete Wall/Floor	
	24" metallic pipe w/ 2" fiberglass	Concrete Wall/Floor	
	12" metallic pipe w/ 3" fiberglass	Concrete Wall/Gypsum Wall	
	12" metallic pipe w/ 2" fiberglass or 3/4" AB/PVC foam	Concrete Wall/Gypsum Wall	
	3" metallic pipe w/ 1" fiberglass	Wood Joist Floor/Ceiling	
HVAC DUCTS	24 x 12" steel duct	Concrete Wall/Floor	
	67" X 18" steel duct	Concrete Wall/Gypsum Wall	
	6" round steel duct	Wood Joist Floor/Ceiling	

Plumbing, HVAC, Joints

07 84 00/GRA
BuyLine 2473



For complete specifications, system features, installation and application instructions, contact RectorSeal toll free at 800-231-3345 for a FlameSafe Product Manual and a CD-ROM of systems drawings for AutoCAD.

Visit our web site at <http://flamesafe.rectorseal.com> for a complete list of our AutoCAD® downloadable firestop listings.



Download

F RATING (HOURS)	PRODUCT	SYSTEM NUMBER
1, 2, 3 and 4 / 1 and 2	FS 3000 / FS 900+	HWD0107 / HWD0146
1 and 2	FS 1900 or FS 900+	HWD0144
1, 2, 3 and 4 / 1 and 2	FS 3000/FS 900+	HWD0108 / HWD0146
1, 2, and 3	FS 3000	HWD0267
1, 2, and 3	FS 3000	HWD0299
3	FS 3000/FS 900+	FFD1024 / FFD1027
3	FS 3000/FS 900+	FWD1020 / FWD1024
3	FS 3000/FS 900+	WWD1028 / WWD1029
2	FS 3000	CEJ152P
2	FS 3000	CEJ302P
2	FS 3000	CEJ273P / CEJ274P
2	FS 3000	CEJ275P
2	FS 3000	CEJ276P
2	FS 3000	CEJ318P/CEJ319P
2 and 3	FS 1900 or FS 900+	CAJ1235
3	FSP 1000	CAJ1242
2	FS 900+	CAJ1406
1 and 2	FS1900 / FS900+	WJ1065/WL1152
1 and 2	FS1900 / FS900+	WJ1066/WJ1090/WL1207
1 and 2	FS 1900	FC1020
1 and 2	FS900+	FC1125
3	FSIS & FS 900+	CAJ2509
3	FSWS150 & FS1900	CAJ2201
2	FSIS & FS 1900	CAJ2210
2	FSWSD 100 Collar	CAJ2251
2	FSWSD 100 Collar	WJ2058/WL2189
2	FS 1900 / FS 900+	WJ2051/WJ2087/WL2170/WL2259
1 and 2	FSWSD 100 Collar	FC2083
1 and 2	FS 1900	FC2221
1	FS 900+	FC2211
2	FS 1900 or FS 900+	CAJ3199/CAJ3153 or CAJ3234
2	FSPIL Pillows	CAJ3185
3	FS 900+	CAJ3241
2	FS 1900	WJ3069/WL3179
1 and 2	FS 900+	FC3060
1 and 2	FS 1900	FC3018
3	FS Bags	CAJ4038
1 and 2	FSPIL & FS 1900	WJ4025/WL4030
2	FSWS 100 & FS 1900	CAJ5208
2	FS 900+	CAJ5223
3	FS 1900 or FS 900+	CAJ5283
1 and 2	FSWS 100 & FS 1900	WJ5043/WL5097
1 and 2	FS 1900	WJ5079/WJ5081/WL5171/WL5173
1 and 2	FS 900+	FC5059
2	FS 900+	CAJ7067
1 and 2	FS 900+	WJ7045/WL7081
1 and 2	FS 900+	FC7019



Firestopping and Code Compliance

To ensure public safety fire and building codes require the use of firestopping materials tested and listed as Firestop Systems. ASTM standards have been developed to provide guidance during the inspection of penetration and fire resistive joint installations. With our knowledge of current fire and building codes and nearly three decades of experience solving the toughest problems, RectorSeal can help you select the right firestop systems and educate installers to ensure the installation complies with code requirements.



Visit our web site at <http://flamesafe.rectorseal.com>

Test Standards

Quality and safety are important to RectorSeal. As a result, we invest much time, effort and resources to achieve these objectives.

RectorSeal is committed to ensuring that all our products and systems meet or exceed the most stringent industry standards and testing. Each of our products has been repeatedly tested for performance and durability.

Standards to which FlameSafe Firestop Products have been tested include:

- ASTM E 84 (UL 723), Surface Burning Characteristics of Building Materials
- ASTM E 90, Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements
- ASTM E 119 (UL 263), Fire Tests of Building Construction and Materials Time Temperature Curve
- ASTM E 814 (UL 1479) (CAN4-S115M), Fire Tests of Through-Penetration Firestops
- ASTM E 1966 (UL 2079) (CAN4-S115M), Test Method for Fire Resistive Joints
- ASTM E 1399, Cyclic Movement and Measuring the Minimum and Maximum Joint Widths of Architectural Joint Systems
- UL2079, Tests for Fire Resistance of Building Joint Systems
- ASTM E 2307, Standard Test Method for Determining the Fire-Resistance of Perimeter Fire Barriers Using the Intermediate-Scale, Multi-story Test Apparatus
- ASTM E 662, Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
- ASTM E 162; Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

FlameSafe products also have several international, individual state, city and regional code body approvals.

The City of New York,
Dept. of Buildings

Research Report Numbers:

MEA 83-89-M Vol. V MEA 447-04-M
MEA 83-89-M Vol. VI MEA 448-04-M
MEA 41-00-M Vol. II MEA 398-04-M
MEA 189-99-M Vol. II
MEA 47-98-M Vol. II
MEA 179-96-M Vol. II

FlameSafe products have been third-party tested in accordance with the above standards. Specific firestop system listings are on file with the below testing facilities.

Underwriters Laboratories, Inc.
Factory Mutual
Intertek (Warnock Hersey)

RectorSeal offers a complete line of firestop products to help protect your most important structures.



Call Sweet's BuyLine number for the name and telephone number of your nearest RectorSeal sales representative (800) 892-1165.

Web Visit our web site at <http://flamesafe.rectorseal.com>

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