

The logo for Rectorseal is presented in a white, horizontally-oriented shield shape with a red border. The word "RECTORSEAL" is written in a bold, black, sans-serif font across the center of the shield. A small registered trademark symbol (®) is located at the bottom right of the word.

RECTORSEAL

FLAMESAFE® PRODUCT CATALOG



Advanced product development

Combustion control room



Product Innovation

Our family of UL approved **FlameSafe®** Firestopping products is specifically designed to fill voids in construction joints and around penetrations in fire-rated walls or floors. Many have intumescent properties and expand when exposed to heat, forming a high-strength insulating char.

On-site test furnaces



Technological Development

In 1995, an on-site fire test laboratory was built for the purpose of conducting UL witnessed burns for through-penetration and construction joint assemblies. Our laboratory has been designated by UL under their Witness Test Data Program for fire testing to UL 1479 & UL 2079.

Hose stream test



Testing & Approvals

Our on-site fire test laboratory monitors all phases of test burns as specified by ASTM E-814 (UL 1479) or ASTM E-1966 (UL 2079). We have over 1200 Tested UL systems. Having an on-site UL lab speeds the development of new firestop products & UL systems, allowing quicker response to customer needs.



Support, training & service

Quality control



Hands-on training and seminars



Intumescent properties



Quality Assurance

You can depend on RectorSeal's expertise & 75 years of manufacturing experience. Our Quality Assurance Team covers each and every aspect of the manufacturing process: from the initial inspection of raw materials, to on-site monitoring throughout production and onto the rigorous final inspection.

Technical Service

You can depend on our knowledgeable Technical Service team to share their expertise on any of our over 350 products. We are dedicated to providing comprehensive product support to all of our customers from Architects, Engineers, Local Inspectors, contractors to general consumer.

Training Seminars

RectorSeal offers hands-on training to properly install a variety of **FlameSafe®** Firestop Products in approved systems. Participants receive instruction on solutions to firestopping needs. Students are introduced to new products and watch live fire demonstrations of our products in tested assemblies.

Contractor grade - Code compliant



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Firestopping products & solutions



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FIRESTOP SEALANT

FS 1900

Water based intumescent, elastomeric sealant

Code	Description (Red)	Qty.
66811	10.3 oz. cartridge	12
66812	20.2 oz. foil pack	12
66816	31 oz. cartridge	12
66814	1 gal. trowelable pail	4
66815	5 gal. trowelable pail	1



Rated for 1,2,3,4 hours in accordance with the ASTM E814 UL 1479 UL 2079 ULC-S115-95 test standards

Sound transmission (STC 62) tested in accordance with ASTM E90

FEATURES

- Extremely intumescent
- Non-sagging
- Exceptional adhesion
- Excellent freeze thaw
- Flexible set
- Allows dynamic movement
- Safe and easy to use
- Rated for 1, 2, 3 & 4 hrs.
- VOC Compliant
- Paintable

Application • Cures to a seal suitable for installations where dynamic movement is expected • In the event of fire, FS 1900 sealant expands to fill the void created by the melting and burning of PVC, CPVC, cc-PVC, ABS, cc-ABS, PEX, insulated pipe and plastic coated cables • Prevents the spread of flames, smoke, hot gases and water through penetrations in fire-rated assemblies • For joints in or between fire-rated assemblies

Recommended for • Metal, insulated, fiberglass and plastic pipes • Power and telephone cables • CMU and gypsum top of wall construction joints • Deflection track wall systems

Apply with • Caulking gun • Bulk loading gun • Trowel • Pumping equipment; no mixing required



Caulking guns sold separately. Page 16



FIRESTOP SEALANT



FS 900+

Water based elastomeric sealant

Code	Description (Red)	Qty.
66831	10.3 oz. cartridge	12
66832	20.2 oz. foil pack	12
66834	31 oz. cartridge	12
66835	5 gal. trowelable pail	1
66836	5 gal. self-leveling pail	1

Code	Description (Gray)	Qty.
66855	5 gal. trowelable pail	1

Application • Cures to form a flexible shield • In the event of a fire it will prevent the spread of flames and smoke through penetrations in fire-rated assemblies • For joints in or between fire-rated assemblies

Recommended for • Metal, insulated, fiberglass and plastic pipes • Cable and HVAC penetrations • Concrete floor-to-floor, floor-to-wall and wall-to-wall • Concrete • CMU and gypsum head of wall applications requiring dynamic movement

Apply with • Caulking gun • Bulk loading gun • Trowel • Pumping equipment; no mixing required



Tested to
UL 1479
(ASTM E814)
UL 2079
(ASTM E1966
E1399)
UL 723
(ASTM E84)

Sound
transmission
(STC 62)
tested in
accordance
with ASTM
E90

FEATURES

- Versatile and economical
- Non-sag or Self-leveling grades
- Excellent adhesion
- Allows dynamic movement
- Flexible set
- No VOC's, non-toxic
- Easy clean up
- Low odor
- Interior grade
- Paintable
- Up to 4 hr. fire rating





FIRESTOP SEALANT

FS 4000

Silicone moisture resistant elastomeric sealant

Code	Description (Gray)	Qty.
66866	10.15 oz. cartridge	12
66870	5 gal. trowelable pail	1



Tested at a minimum 0.01 inches (2.5 Pa) water, positive pressure, in accordance with UL 1479 and ASTM E 814 test standards.

FEATURES

- Moisture resistant
- Flexible set
- Allows dynamic movement
- Non-slump formula
- Use both vertically or horizontally
- Excellent adhesion
- Interior/exterior grade

Application • Use to seal wall and floor penetrations for electrical, plumbing, pipe, tele-comm and perimeter barrier penetrations
 • Cures to form a flexible moisture resistant shield
 • In the event of a fire it will prevent the spread of flames, smoke, gas and water through penetration openings
 • For joints in or between fire-rated assemblies

Recommended for • EMT • Semi-rigid and rigid conduit
 • Steel pipe • Wall to decking transition joints • Wall to floor transition joints • Wall to wall control joints • Floor-to-floor control joints • Fire rated gypsum wallboard partitions • Concrete block or concrete walls and concrete floors

Apply with • Caulking gun • Trowel • Pumping equipment; no mixing required



See ordering chart for container sizes available.





FS 3000

Sprayable water based elastomeric sealant

Code	Description (Red)	Qty.
66871	5 gal. pail	1
Code	Description (Beige)	Qty.
66872	5 gal. pail	1



Rated for 1,2,3,4 hours in accordance with the ASTM E814 UL 1479 UL 2079 test standards

Sound transmission (STC 62) tested in accordance with ASTM E90

FEATURES

- Easy spray application
- Excellent adhesion
- Water resistant
- Flexible set
- Allows dynamic movement
- 4 hour approval
- Interior/exterior grade
- Easy clean up
- No VOC's, non-toxic
- Low odor
- Paintable

Application • Sprays on and cures to form a flexible, water resistant membrane preventing the spread of flames, smoke, hot gases and water through construction joints and curtain wall assemblies

Recommended for • CMU and gypsum head of wall applications requiring dynamic movement • Curtain wall perimeter • Metal pipes • HVAC penetrations • Concrete floor-to-floor, floor-to-wall applications

Apply with • Spray equipment; no mixing required



FS 2000

Sprayable firestop mastic sealant

Code	Description (Red)	Qty.
66861	5 gal. pail	1



FEATURES

- Easy spray application
- Water based
- Easy clean up
- Flexible - Elastomeric
- 4 hour approval
- Allows dynamic movement
- Paintable

Application • Sprays on and cures to an elastomeric membrane seal preventing the spread of flames, smoke, hot gases and water through construction joints, curtain wall assemblies and general construction gaps and voids • Economical means of installation on long joint runs

Recommended for • Top of wall • Curtain wall perimeter • Expansion control • HVAC ductwork • Deflection track wall systems

Apply with • Spray equipment; no mixing required





MORTAR & SHEETING

FS Mortar Seal

For large openings

Code	Description (Beige)	Qty.
66901	22 lbs. bag	1
Code	Description (Beige)	Qty.
66902	6 gal. pail	1



Tested to
UL 1479
(ASTM E814)
ULC-S115-95

FEATURES

- Great for large openings
- Load bearing
- Easy to Use
- High yield per lb.
- Easy clean up

Application • Rapid hardening gypsum/cement compound for large openings
 • Sets without shrinking and can form a rigid, gas tight, fire resistant seal • Can be cut or drilled and resealed

Recommended for

- Power cables
- Telephone cables
- Aluminium or steel cable trays • EMT • Copper
- Steel • Cast iron pipe

Apply with

- Trowel or pour



FS Composite Sheet

For large openings

Code	Description	Qty.
66930	36" x 36"	1



FEATURES

- Light weight
- Thinner sheets
- Re-enterable
- No VOC's

Application • Rigid fire resistive panel used to seal penetrations and restore the fire rating to floor/ceilings or walls • Made of reinforced, highly intumescent material bonded on one side to a galvanized steel sheet
 • Ideal for clean room applications



US Patent No. 6,207,085

JOINT STRIP & WRAP STRIP



FS Joint Strip

Flexible material for up to 2" wide joints

Code	Description	Qty.
66905	1/16" x 1" x 82' strip	6
66906	1/16" x 1-1/2" x 82' strip	4
66909	1/16" x 2" x 82' strip	3
66907	1/16" x 2-1/2" x 82' strip	2
66908	1/16" x 3" x 82' strip	2
66910	1/16" x 4" x 82' strip	2



FEATURES

- No firestop caulk required
- Single sided application
- Simple & easy to use

Application • Flexible strip firestop material used in concrete and masonry floor and wall joints up to 2" wide • Prevents the passage of fire between joints

Recommended for • Stadium construction, tilt up panels • Curtain wall panels • Steel utility boxes • All concrete and masonry wall and floor construction joint applications



US Patent No. 6,207,085

FS Wrap Strip

Flexible intumescent strip for plastic & insulated pipe

Code	Description	Qty.
66911	1" x 12'	1
66912	2" x 12'	1



FEATURES

- No cure time
- Easy to apply
- Long length means less waste
- Systems up to 14" PVC
- Highly intumescent

Application • Simply wrap required number of strips around penetrating item to completely fill the annular space or as required by system design

• When exposed to heat, expands to form a hard char to seal off the penetration

Recommended for • Plastic and insulated pipe applications



US Patent No. 6,207,085



REUSEABLE FIRESTOP

FS Bags & Pillows

Reusable firestopping

Code	Description (Bags)	Qty.
66896	FSB 50 1/2"x 7"x 13.5"	20
66897	FSB 75 3/4"x 7"x 13.5"	35
66898	FSB 150 1-1/2"x 7"x 13.5"	20

Code	Description (Pillows)	Qty.
66891	FSPIL1 6"x 9"x 1"	20
66892	FSPIL1 6"x 9"x 2"	20
66897	FSPIL1 6"x 9"x 4"	20

Application • Primarily used in large temporary or frequently accessed wall and floor openings to prevent the spread of flames and hot gases

Recommended for • Blank wall openings or through penetrations of cables, fiber optic, cable trays or multiple penetrating items • Pipe and duct penetrations through masonry



FEATURES

- Economical/Reusable
- Easy installation and removal
- Strong firestopping capability
- Wire mesh not required for most installations
- No tools required



Pillows

Bags

PREFABRICATED FIRESTOP DEVICES



FS Intumescent Sleeve

Firestop seal

Code	Description	Qty.
66921	FSIS for 2", 3" & 4" Pipe	6
66920	FSIS for 6" & 8" Pipe	1

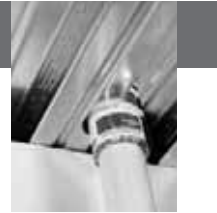


FEATURES

- No steel bolts or fasteners required
- Can be retrofitted
- Flexible

Application • Firestop through penetrations with a single sleeve • Ideal for combustible pipes penetrating a concrete fluted deck assembly

Recommended for • PVC • cc-PVC • CPVC • FRPP • PP • ABS • PP-R • Rigid non-metallic conduit installations



US Patent No. 6,207,085

FS Pipe Collars

Prefabricated firestop system

Code	Description	Qty.
66931	FSD 100 1-1/2" diameter	12
66923	FSD 200 2" diameter	12
66924	FSD 300 3" diameter	6
66926	FSD 400 4" diameter	6
66928	FSD 600 6" diameter	2



FEATURES

- No measurements of material
- Easy locking system
- Simple installation
- Fits in limited access areas

Application • UL classified for both open and closed pipe systems • Simple locking mechanism for easy installation

Recommended for
 • PVC • cc-PVC
 • CPVC • FRPP • PP
 • ABS • PP-R
 • Rigid non-metallic conduit installations



US Patent No. 6,207,085



ELECTRICAL OUTLET FIRESTOP

FS Gasket

Fire-rated gasket for electrical boxes

Code	Description	Qty.
66971	Single receptacle	50
66972	Double receptacle	50
66973	Single switch	50
66974	Double switch	50



FEATURES

- Reduces sound transmission
- Easy to install
- Highly intumescent
- STC rating 54

Application • A single component fire-rated gasket for use with electrical boxes to comply with the "24 inch rule" • Fits under the cover plate and does not take up volume



US Patent No. 6,207,085; 6,252,167 & 7,348,484



FS Box Inserts

Fire-rated pad for electrical boxes

Code	Description	Qty.
66961	Single box	50
66962	Double box	50
66963	4- ¹¹ / ₁₆ " x 4- ¹¹ / ₁₆ "	50



FEATURES

- Adheres to back of electrical box
- Non-conductive
- Highly intumescent
- STC rating 53

Application • One component fire-rated insert for use in metallic electrical boxes • It is inserted on the inside back wall of an electrical box prior to wiring



US Patent No. 6,207,085 & 6,252,167



Putty Sticks & Pads

Fire-rated putty

Code	Description	Qty.
66881	FSP 1000 36 cu./in. - stick	6
66882	FSP 1000 25 lb pail	1
66866	FSP 1077 7.25" x 7.25" x 1/8" thick	20
66887	FSP 1825 8.25" x 8.25" x 1/8" thick	20



FEATURES

- Applied by hand
- No asbestos fillers
- Pads - STC rating 60
- For interior use
- Adheres to all common building surfaces

Application • Putty sticks are used to seal around penetrating items through fire-rated walls, floors and within blank openings • Putty pads are used to maintain the hourly rating of fire-rated walls containing electrical outlet boxes (plastic or metallic) and to reduce sound transmission • Hand moldable with no curing time



SMOKE & ACOUSTIC PROTECTION



Smoke & Acoustic Sealant

High grade acrylic latex

Code	Description (Gray)	Qty.
66652	20.2 oz. cartridge	12
66650	5 gal. spray pail	1

Tested to ASTM E84, ASTM E90, ASTM E1399 and air leakage in accordance to modified UL1479 and UL2079

Sound transmission (STC 69) tested in accordance with ASTM E90

FEATURES

- Meets LEED criteria
- Flexible set
- Easy to dispense
- Water clean up
- Use both vertically or horizontally
- Interior grade

Application • Provides a permanent seal for penetrations, membrane openings and static or dynamic joints in smoke or sound rated assemblies
• In the event of a fire it will prevent the smoke and impede the transfer of sound in non-fire rated assemblies

Recommended for • Metallic and nonmetallic pipes • Outlet and receptacle boxes • Membrane penetrations
• Head of wall • Bottom of wall • Wall to wall joints

Apply with • Caulking gun • Trowel • Spray equipment
• Pumping equipment; no mixing required





FIRESTOP ACCESSORIES

Caulking Guns cartridge, sausage & bulk loading

Code	Description	Qty.
66114	10.3 oz. gun	1
66115	30 oz. gun	1
66116	20.2 oz. sausage gun	1
66117	Sausage gun tips	25
66093	24 oz. bulk loading gun	1

- FEATURES**
- Industrial grade



Restraining Collar For concrete, wood & gypsum

Code	Description	Qty.
66091	2" x 50' roll	1
66095	1" x 50' roll	1

- FEATURES**
- Galvanized steel



Foam Backer Rod Fills gaps prior to sealing

Code	Description	Qty.
66112	1" x 75'	1

- FEATURES**
- Easy to use
 - Economical



6lb./ cu. ft. Safing Mineral wool backing

Code	Description	Qty.
66101	2' x 4' x 2"	8

- FEATURES**
- Non-combustible backing



Wire Mesh Screen Underlayment

Code	Description	Qty.
66106	4-3/4" x 100' roll	1

- FEATURES**
- Galvanized steel mesh



Delta Deck Plugs 36" long

Code	Description	Qty.
66401	1-1/2" x 3-1/2" x 4-1/2"	48
66403	1-1/2" x 4-1/2" x 5-1/2"	39
66409	3" x 5" x 7"	18

- FEATURES**
- Non-combustible
 - Mineral wool backing for fluted deck



APPLICATION RECOMMENDATIONS



PIPE APPLICATION										
Application	1900	900+	4000	Mortar	Putty	Putty Pads	Wrap Strip	Joint Strip	Pipe Collar	Intumescent Sleeve
Metal Pipe - EMT, Copper	●	●	●	●	●					
Multiple Metal	●	●	●	●						
Insulated Metal Pipe	●		●				●			
Open Plastic Pipe - 2" & smaller	●	●					●		●	●
Open Plastic Pipe - up to 4"							●	●	●	●
Closed Plastic Pipe - 4" & smaller	●						●		●	●
Open/Closed Plastic Pipe - 6"									●	●
Open/Closed Plastic Pipe - 8"										●
Glass Pipe			●							

CABLE APPLICATION							
Application	1900	900+	4000	Mortar	Putty	Pillows	Composite Sheet
Single or Bundled Cables	●	●	●	●	●		
Cable Trays				●		●	●

CONSTRUCTION APPLICATION									
Application	1900	4000	3000	2000	Joint Strip	Mortar	Pillows	Putty	Composite Sheet
Construction Joints	●	●	●	●	●				
Top of Wall	●	●	●	●	●				
Large Openings						●	●		●
Blank Openings						●	●	●	●
Perimeter Barriers		●	●	●					

ELECTRICAL APPLICATION				
Application	Box Inserts	Gasket	Putty Pads	Joint Strip
Electrical Outlet Boxes	●	●	●	
24" x 24" Steel Utility Box				●



CABLE PROTECTION

PVC Arc Tape

Fire-retardant arc tape

Code	Description	Qty.
50201	AFT 15 1.5" x 20'	16
50203	AFT 20 2" x 20'	12
50204	AFT 30 3" x 20'	8
50202	AFT 15150 1.5" x 150'	10
50205	AFT 3150 3" x 150'	5

FEATURES

- Easy wrap protection
- Utility and government approved
- Will not melt off or split

Application • Protect cables from the effects of fire and fault arcing • Backed by tough conformable non-woven backing

Recommended for

- Power and control cable



Chlorine Free Arc Tape

Fire-retardant arc tape

Code	Description	Qty.
50211	CFR 15 1.5" x 20'	16
50212	CFR 20 2" x 20'	12
50213	CFR 30 3" x 20'	8

FEATURES

- Easy wrap protection
- Utility and government approved
- Non-toxic, Low smoke
- Non-halogenated

Application • When burned forms a tough ceramic tube to protect cable • Protects cables that are impractical to spray

Recommended for

- Power and control cable



Arc Sleeve

For large power and utility cables

Code	Description	Qty.
50241	500/700 3'	1

FEATURES

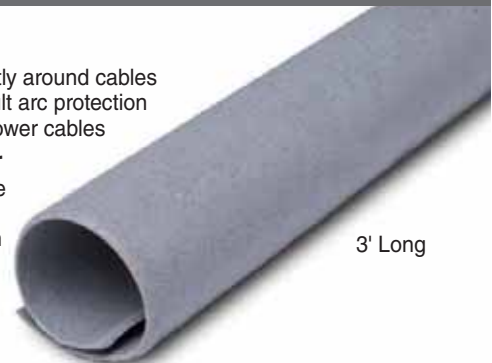
- Custom dip-molded
- Easy snap-on application

Application

- Designed to fit tightly around cables
- Provide fire and fault arc protection for large electrical power cables

Recommended for

- For arc faults, flame resistance and salt-water immersion in underground vaults



3' Long



Cable Coating

For power cables

Code	Description	Qty.
50261	C700+ 5 gal. pail	1



FEATURES

- No cable derating
- Interior & exterior use

Application • Water-based heavy duty spray coating designed to prevent vertical and horizontal spread of fire along grouped or single communication or power cables • Compatible with and adheres to typical cable jacketing materials



Cable End Cap

Quick seal against moisture & corrosion

Code	Description	Qty.
50231	QC2 .75" x 1.25" red	50
50232	QC3 1" x 1.5" orange	50
50233	QC4 1.25" x 1.75" gray	25
50234	QC5 1.5" x 2" black	25
50235	QC6 2" x 2.25" green	15

FEATURES

- No heat required
- Simple to install
- Reinforced ends
- Works in extreme temps

Application • Vinyl caps are partially filled with pliable butyl mastic sealant creating an instant seal to provide a moisture barrier for non-energized cable • No cold flow or movement up to temperatures of 190°F (88°C)



Fiberglass Tying Cable

For power cables

Code	Description	Qty.
50219	QTC250 350'	1

Application • For tying wiring harnesses and cable looms





Through the use of current technology and social media, RectorSeal provides up-to-date technical information and marketing materials.

Company Homepage:

An online hub of readily available resources for our full-line of specialty chemicals and tools including: product codes, MSDS and product data sheets. Promotional literature and artwork can be easily viewed. Trade show scheduling and booth information are also updated frequently.

Social Media:

Up to the minute information from RectorSeal regarding new products, press releases, market trends and trade articles are sent directly to your wall, time-line and mobile devices.

Online Video:

Watch instructional videos on how to effectively and properly use RectorSeal products. Subscribe to our channel and receive new product videos instantly.

Online Training:

Installers can earn certifications from RectorSeal for approved field use of our specialty products. Lessons and exams can be completed at your own pace and results accessed from your personal computer. AIA CEU's are also available for architects and engineers.



To utilize these services, visit www.rectorseal.com

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