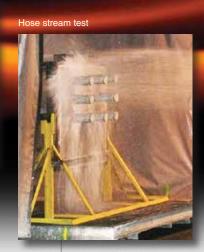


Advanced product development









Product Innovation

Our family of UL approved Bio Fireshield™ 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.

Technological Development

In 1995, an on-site fire test laboratory was built for the purpose of conducting UL witnessed burns for throughpenetration 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.

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

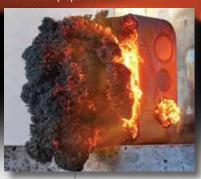
Quality control



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 to contractors and the general consumer.

Training Seminars

RectorSeal offers hands-on training to properly install a variety of **Bio Fireshield™** 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.

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Scan for additional product information.



Firestopping products & solutions









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www.biofireshield.com



FIRESTOP SEALANTS

Biostop® 500+

Intumescent, water-based firestop sealant

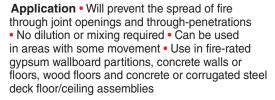
Code	Description	Qty.
66528	10.3 oz. cartridge	12
66500	20.2 oz. foil pack	12
66493	30 oz. cartridge	12
66499	5 gal.	1





- UL Classified systems up to 4 hrs.
- · Highly intumescent
- · VOC compliant
- · Excellent freeze-thaw
- For interior use paintable
- Meets ASTM E 814. UL 1479 & UL 2079 standards





Recommended for • Metal • Insulated pipes • Fiberglass & plastic pipes • Wall construction joints • Power, telephone & DataComm cables







See ordering chart for container sizes available.

^{*}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® pipe and fittings.

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Biostop® BF 150+

General purpose firestop sealant

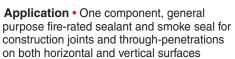
Code	Description	Qty.
66533	10.3 oz. cartridge	12
66514	20.2 oz. foil pack	12
66513	30 oz. cartridge	12
66519	5 gal.	1





- Water-based VOC compliant
- · Good freeze-thaw
 - For interior use paintable
 - · Use for most common applications





· Non-sag caulking grade sealant that is easy to apply as well as to retrofit . Can be used in areas with some movement

Recommended for • Metal • Insulated pipes • Fiberglass and plastic pipes • Wall construction joints • Power, telephone & DataComm







*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® pipe and fittings.

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FIRESTOP SEALANTS cont.

Biostop® 350i

Intumescent firestop sealant

Code	Description	Qty.
66631	10.3 oz. cartridge	12
66621	20.2 oz. foil pack	12
66622	30 oz. cartridge	12
66623	5 gal.	1



FEATURES

- · Highly intumescent
- · Excellent freeze-thaw
- STC rating 53





Biotherm[™] 100

Elastomeric, Silicone firestop sealant

Code	Description	Qty.
66535	10.15 oz.	12
66439	5 gal.	1
66439	5 gal.	1



FEATURES

- · Exterior / Interior use
- · Water resistant
- · STC rating 55

Application • Used in systems where dynamic movement is expected

• Resistant to water & chemical exposure

Recommended for

• EMT • Insulated and uninsulated steel pipe . Construction and control joints • Expansion joints





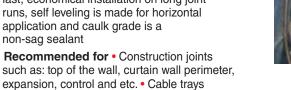


Biostop® 750

Spray & caulk firestop mastic

Code	Description	Qty.
66509	5 gal. spray - red	1
66507	5 gal. spray - white	1
66290	20.2 oz. foil pk - red	12
66010	30 oz. cartridge - red	12
66505	30 oz. cartridge - white	12
66016	5 gal. caulk grade - red	1
66520	1 qt. self leveling - red	12
66522	5 gal. self leveling - red	1









- UL Classified systems up to 4 hrs.
- Sprayable, brushable & trowelable
- Flexible elastomeric
- · Allows dynamic movement
- Excellent smoke seal
- · Good freeze-thaw
- VOC compliant
- STC rating 50





FIRESTOP SPRAYS cont.

Biostop® 800

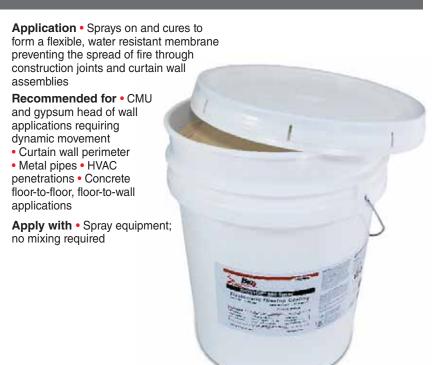
Sprayable, water-based elastomeric sealant

Code	Description	Qty.
66608	5 gal red	1
66609	5 gal beige	1



FEATURES

- Excellent adhesion
- · Allows dynamic movement
- 4 hour approval
- Exterior / Interior use
- · Easy clean up
- No VOC's, non-toxic
- · Low odor
- Paintable



Cable Coating

Industrial strength coating for power cables

Code	Description	Qty.
50255	5 gal.	1



FEATURES

- · No cable derating
- · Exterior / Interior 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





JOINT STRIP & WRAP STRIP

Joint Strip

Flexible material for up to 2" wide joints

Code	Description	Qty.
66800	1" x 82' strip	6
66801	1-1/2" x 82' strip	4
66712	2" x 82' strip	3
66710	2-1/2" x 82' strip	2
66711	3" x 82' strip	2
66713	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 & around combustible penetrations

Recommended for • Stadium construction, tilt up panels • Curtain wall panels • Steel utility boxes



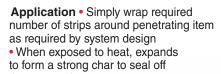
Wrap Strip

For penetrations

Code	Description	Qty.
66435	1" x 12'	1
66436	2" x 12'	1



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





^{*}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® pipe and fittings

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FIRESTOP DEVICES

Biostop® Intumescent Sleeve

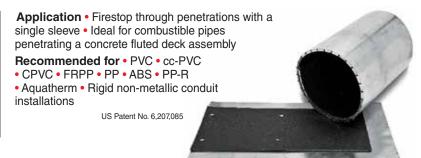
Firestop Device

Code	Description	Qty.
66630	For 2", 3" & 4" Pipe	6
66625	For 6" & 8" Pipe	1



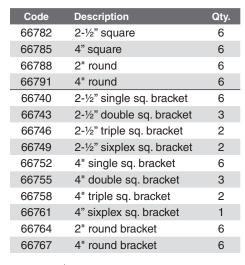
FEATURES

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



Pass-Thru Devices

Engineered Firestop Sleeve





FEATURES

- · Easy to install & change cables
- · Great for retrofit
- Highly intumescent
- · Industry leading "L" rating



Biostop® Pipe Collars

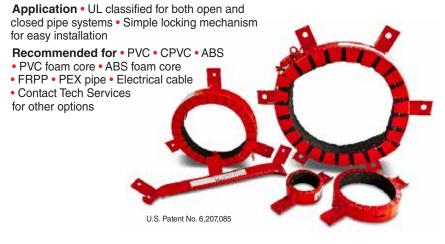
Code	Description	Qty.
66459	1-1/2"	12
66454	2"	12
66455	3"	6
66456	4"	6
66458	6"	2



FEATURES

- · No measurements of material
- · Fits in limited access areas
- · 25% reduction of installation time

Prefabricated firestop system









ELECTRICAL OUTLET FIRESTOP

Biostop® Firestop Gaskets

For electrical boxes

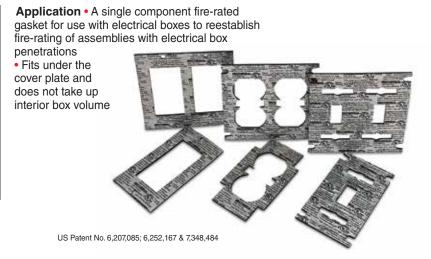
Code	Description	Qty.
66273	Single receptacle	50
66271	Double receptacle	50
66277	Single switch	50
66275	Double switch	50
66260	Single decor	50
66261	Double decor	50





FEATURES

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



Lectra-Stop™

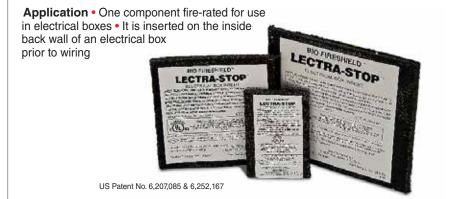
Fire-rated insert for electrical boxes

Code	Description	Qty.
66496	Single box	50
66497	Double box	50
66498	$4^{-11}/_{16}$ " x $4^{-11}/_{16}$ "	50



FEATURES

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



Putty Sticks & Pads

Fire-rated pad for electrical boxes

Code	Description	Qty.
66495	18 cu./in stick	12
66490	6" x 7" x 1/8" thick	20
66336	7" x 7" x 1/8" thick	20



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





FIRESTOP FOR LARGE OPENINGS

Firestop Pillows For large temporary openings

Code	Description	Qty.
66417	2" x 9" x 6"	10
66418	3" x 9" x 6"	10



FEATURES

- · Forms a very strong char
- · No wire mesh required
- · Easy to install no tools

Application • Intumescent • Designed for use primarily in large temporary or frequently accessed openings with cables, cable trays, blank openings or multiple penetrations



K-10+ Fire-Rated Mortar

For large openings

Code	Description	Qty.
66450	20 lbs. pail	1
66451	45 lbs. bag	1



FEATURES

- · Non-sag adjustable consistency
- High yield per lb.
- · No special tools needed

Application • Rapidly hardening 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 Fiber optic
- Telephone cables Aluminium or steel cable trays • EMT
- · Copper · Steel · Cast iron pipe



Composite Sheet For large temporary openings

Code	Description	Qty.
66321	36" x 36"	1



FEATURES

- · Light weight
- · Thin 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

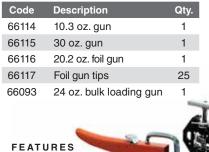




FIRESTOP ACCESSORIES

Caulking Guns

Cartridge, foil & bulk loading





Restraining Collar

For concrete, wood & gypsum

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

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



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	1-½" x 3-½" x 4-½"	48
66403	1-½" x 4-½" x 5-½"	39
66409	3" x 5" x 7"	18

- · Non-combustible
- · Mineral wool backing for fluted deck





APPLICATION CHART

	PIPE APPLICATIONS												
Application	500+	BF 150+	350i	Bio- therm 100	750	800	Pass Thru	Pipe Collar	Sleeve	Putty	Mortar	Wrap Strip	Joint Strip
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 APPLICATIONS										
Application	500+	BF 150+	350i	Biotherm 100	750	Pass Thru	Putty	Composite Sheet	Pillows	Mortar
Single or Bundled Cables	•	•	•	•		•	•		•	•
Cable Trays				•	•	•		•	•	•

CONSTRUCTION APPLICATIONS										
Application	500+	BF 150+	Biotherm 100	750	800	Putty	Composite Sheet	Pillows	Mortar	Joint Strip
Construction Joints	•	•	•	•	•					•
Top of Wall	•	•	•	•	•					•
Large Openings	•	•	•	•	•		•	•	•	
Blank Openings		•	•			•	•	•	•	

ELECTRICAL APPLICATIONS				
Application	Lectra-Stop	Biostop Gaskets	Putty Pads	Joint Strip
Electrical Outlet Boxes	•	•	•	
24" x 24" Steel Utility Box				•





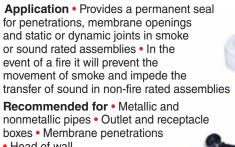
Smoke & Acoustic Sealant

High-grade acrylic latex

Code	Description	Qty.
66652	20.2 oz. foil pack	12
66650	5 gal.	1
Tested to	FEATURES	

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

- Meets LEED criteria
- · Flexible set
- · Easy to dispense
- · Water clean up
- · Use both vertically or horizontally
- Interior grade
- STC rating 69



- · Head of wall
- Bottom of wall
- · Wall to wall joints

Apply with • Caulking gun • Trowel • Spray equipment

- Pumping equipment;
- no mixing required



RectorSeal® RS 136

Fire block / smoke seal caulk

Code Description 66408 10.3 oz. cartridge



FEATURES

- · Easy application
- · Interior applications
- · Water Clean-up
- ASTM E 136 compliant

Application • General purpose, residential acoustical fireblock

Recommended for

- Electrical Plumbing Plastic pipe
- Telephone communication systems penetrations



Draft-Block[™]

Expanding polyurethane foam

Code	Description	Qty.
96500	12 oz. aerosol	12

FEATURES

- Expands 3X
- Tack-free in approx. 45 min.
- No ureaformaldehyde

Application • Excellent filler which bonds and insulates • Fill voids, cracks, crevices and small cavities on flat or irregular surfaces • Reduces sound transmission • Totally dielectric





RELATED PRODUCTS

K.O. Dirt Blaster[™]

Dirt and grease stripper

Code	Description	Qty.
88438	20 oz. aerosol	12

FEATURES

- · Dissolves grease quickly
- · Quick drying
- · Pressure washes small condenser coils without a water rinse
- · Non-flammable
- No CFC's

Application

- · Quickly dissolves grease · Non-conductive; will not short out electrical equipment
- · Effective on restaurant grease and other greasy surfaces

Recommended for

- Refrigeration coils Oil burner surfaces
- Machine parts Switches Relays
- · Circuit breakers · Motors · Electrical components



Lets-Go[™]

Penetrant, lubricant and freeze-up preventer

Code	Description	Qty.
73012	12 oz. aerosol	12

FEATURES

- · Loosens frozen bolts, nuts & joints
- · Protects from water & weather

Application • Covers metal surfaces with a clinging, tough, long-lasting film of lubricant • The wetting power acts quickly on rusted and seized parts • Displaces moisture from wiring and equipment



RectorSeal®EP-200

Epoxy putty

Code	Description	Qty.
97600	2 oz.	24
97601	2 oz. refill	24
97602	Blistercard	12
97606	EP-400 4 oz.	12





- · Mixes like putty
- · Hardens in minutes
- · Can be drilled, taped, filed, machined, sanded and painted
- · Bonds and fills a variety of materials



Thread Cutting Oil

Dark machine thread cutting oil

Code	Description	Qty.
94392	1 qt dark	12
94272	1 gal dark	6
94192	5 gal dark	1
94111	55 gal dark	1

FEATURES

- Increased lubricity/longer die life
- Penetrates quickly
- · Keeps dies cool

Application • Designed to reduce friction

- Effective coolant and anti-weld agent
- An extreme pressure lubricant during thread cutting operations
- Will not congeal above 20°F

Recommended for

 Dark - hand thread cutting operations and when using low rpm machines



GoldenGrip Internal pipe wrench

Code	Description	Qty.
97250	Single ½"	6
97251	Single ¾"	6
97252	Double 1" - 1-1/4"	3
97253	Double 1-1/2" - 2"	3
97256	Set of 4 tools	1

FEATURES

- Self-locking & reversible
- · No thread damage
- · Works in tight spaces

Application • The right tool for quick and easy installation or extraction of pipe nipples • Self-locking, reversible internal wrench can be used with ratchets, extensions and impact

Recommended for • Chrome Pipe · Brass pipe · Can also be used to extract corroded pipe

Sold separately in four sizes or as a set of four with durable carry case



Golden Pipe Shredder

Code	Description	Qty.
98040	1-1/2"	4
98041	2"	4
98042	3"	4
98043	4"	4
98050	Set of 4 tools	1

FEATURES

- Carbide cutting blades
- · Unique guiding system
- · Made of heat tempered steel
- · One piece body

Restore welded plastic fittings

Application • Reams out solvent welded plastic fittings so they can be reused • Cuts stub outs to be flush or recessed with wall . Removes cracked water closet flanges

Sold separately in four sizes or as a set of four with durable carry case



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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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