

# PRODUCT DATA SHEET

## Biostop® Wrap Strip

January 2011

Classified Through-Penetration FireStop System Numbers

CAJ2183, CAJ2179, CAJ2158, WJ-2024, WJ-2036, CAJ2391, WJ-2028, WJ2080, WJ-5023, WL-2103, WL-2107, WL-2122, WL-2200, WL2250, WL-2266, WL-5064, WL5069, FC-2062, FC-2070, FC2079, FA-2052, FA2090 and FA-2050



### 1. Product Description

A strip of highly intumescent firestop material used primarily for plastic and insulated pipe applications. When exposed to heat, this product expands and forms a hard char to seal off the penetration preventing the passage of flames and hot gases.

### Biostop® Wrap Strip Features

- Easy to install
- Cost effective
- Versatile, Flexible
- Highly intumescent
- Excellent freeze/thaw characteristics
- Long length means less waste
- Forms a very hard char when burned

### 2. Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None

Size (Approx.)	1" x 1/4" x 12'
	25 mm x 6 mm x 3.66 mm
	2" x 1/4" x 12'
	50 mm x 6 mm x 3.66 mm

Activation of Intumescence:

Expansion Begins	375 °F (190°C)
Expansion Greatest	575°F (302°C) to 1100° F (593°C)

Color	Black
Freeze-Thaw	Excellent

### ASTM E 84, UL 723 Tunnel Test

Flame Spread	5
Smoke Index	5

### 3. Applications

Biostop® Wrap Strip can firestop difficult penetrations such as plastic pipe, and insulated pipe.

### 4. Installation Data

Biostop® Wrap Strip is simple to install. Tightly wrap the required number of strips continuously around the penetrant to completely fill the annular space or as required by system design. Push the strips into the opening to the required depth. If a cold smoke seal is required, apply the recommended sealant in the opening over the strips.



### 5. Testing Data

Biostop® Wrap Strip is classified by Underwriters Laboratories as a Fill, Void or Cavity Material. For specific test criteria, see UL Fire Resistance Directory or call RectorSeal. Biostop® Wrap Strip was tested at positive pressure for a minimum .01 inches (2.5 Pa) of water in accordance with UL 1479 and ASTM E 814 test standards.

Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.



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. FBC, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of the Lubrizol Corporation.

### 6. Storage & Handling

Biostop® Wrap Strip should be stored in a cool, dry place. Keep products stored under protective cover, in their original containers. A stock rotation program is recommended.

### 7. Availability

Biostop® Wrap Strip is available in: 12 foot (3.66 mm) roll boxes.

## 8. Limitations

To be used only in the tested configurations or as recommended by RectorSeal.

## 9. Cautions

**FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL CHEMTREC-DAY OR NIGHT 1-800-424-9300.**

**PRECAUTIONS:** Do not take internally. May be harmful if swallowed. May cause eye and skin irritation if prolonged or repeated contact occurs. Wash after handling. **FIRST AID:** For any overexposure, get immediate medical attention after first aid is given. **Eyes-** Flush 15 minutes with clean water. **Skin-**Wash with soap and water. **Ingestion-**Only if conscious, give large amounts of water and INDUCE VOMITING. **FIRE AND SPILLS:** Use water fog, CO<sub>2</sub>, foam, or dry chemicals. Wipe up spills to prevent footing hazard. Clean up with scrapers and water. **STORAGE AND HANDLING:** Store away from heat sources. **KEEP OUT OF REACH OF CHILDREN.**

For additional information, refer to Material Safety Data Sheet.

**For additional technical service,  
call: 1-800-231-3345  
fax: 1-800-441-0051**

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## 10. LIMITED WARRANTY

RectorSeal makes the Limited Express Warranty that when the instructions for storage and handling of our products are followed we warrant our products to be free from defects. THIS LIMITED EXPRESS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION ON THE PART OF RECTORSEAL. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and RectorSeal shall not be liable for incidental or consequential damages.

Suggestions and recommendations covering the use of our products are based on our past experience and laboratory findings. However, as we have no control as to the methods and conditions of application, we only assume responsibility for the uniformity of our products within manufacturing tolerances.