



BIOSTOP® FIRE-RATED PIPE COLLARS



- **25% REDUCTION OF INSTALLATION TIME**
- **SIMPLE LOCKING MECHANISM FOR EASY INSTALLATION**
- **HIGHLY INTUMESCENT**
- **ECONOMICAL- MOST SYSTEMS DO NOT REQUIRE BACKFILL**
- **NO MEASUREMENT OF MATERIAL**
- **FITS IN LIMITED ACCESS AREAS**

Biostop® Fire Rated Pipe Collars are prefabricated for use in through-penetration firestop systems using PVC, CPVC, ABS, PolyPro, PVC foam core and ABS foam core pipe. UL Classified for both open and closed pipe systems. Available in sizes from 1 1/2 inch to 6 inch. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.

SETTING THE STANDARDS BY WHICH OTHERS ARE JUDGED



DURMAST CO., LTD.

48 Moo 2, Soi Watsriprawat, Paduangsawat Rd., Salagrang, Bangkuay, Nonthaburi, Thailand 11130
Tel. (662) 490-4445-6 Fax. (662) 490-4447 www.durmast.co.th E-mail : durmastsales@gmail.com

PRODUCT DATA SHEET

Biostop® Pipe Collar

Classified Through-Penetration FireStop System Numbers

CAJ2135, CAJ2152, CAJ2154, CAJ2156, CAJ5106, CAJ2181, CAJ2177, CAJ2198, CAJ2200, CAJ2266, WL2109, WL2120, WL2118, WL2135, WL2136, WL2133, WL2208, WL2256, WL3151, WJ2040, WJ3055, FC2059, FC2060, FC2061, FC2068, FC2166, FC8016, FC8018, FA2044

FBC
SYSTEM COMPATIBLE



1. Product Description

Biostop® Pipe Collars are prefabricated for open and closed through-penetration firestop systems using 1 1/2" (38 mm) to 6" (152 mm) plastic pipe. An easy locking mechanism assures easy installation. The collar design greatly reduces the time and expense that is required to install competitive collars.

Biostop® Pipe Collar Features

- Saves on Labor Cost
- Easy Installation
- Economical
- No Measurement of Material Required
- Highly Intumescent
- Tested for PVC, CPVC, ABS and PVC/ABS Foam Core, FRPP

2. Material Properties

Asbestos Fillers	None
Solvents	None
Hazardous Ingredients	None

Activation of Intumescence:

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

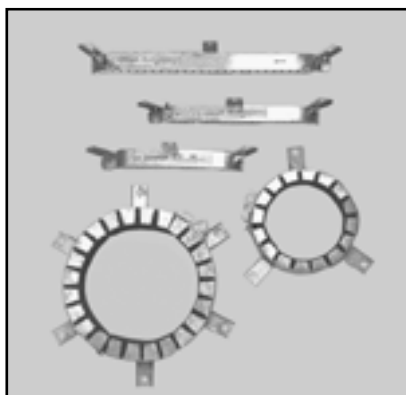
3. Applications

Biostop® Pipe Collars are used to seal off plastic pipe both in closed and vented (DWV) conditions. Also for use on up to 6" (152mm) diameter ABS (cellular core or solid core), FRPP, PVC and CPVC pipe. The collar may be used on up to 3 hour rated concrete floors and walls, up to 2 hour rated gypsum walls and up to 2 hour rated wood floors.

4. Installation Data

Biostop® Pipe Collars are prefilled and very easy to install.

- 1) Select the proper collar to fit the diameter of pipe used.
- 2) Making sure annular space is within the limits set by the tested conditions, attach collar around the pipe on the underside of the floor or to each side of a wall by firmly placing against the wall or floor and securing interlocking



tabs [1 1/2" (38 mm), 2" (51 mm), 3" (76 mm) and 4" (102 mm)] or fastening the buckle [6" (152 mm)].

- 3) If needed, mark and predrill wall or floor for required anchors. Properly secure the appropriate anchor into each of the anchoring tabs. In concrete, use 1/4" (6 mm)x 1 1/4" (32 mm)hex washer head type concrete anchors or appropriate steel expansion/wedge anchors. In gypsum, use 1/8" (3 mm)x 2" (51 mm) MOLLY type hollow wall anchors.
- 4) If an additional smoke seal is required, Biostop® 500+ may be applied within the annular space before the attachment of the collar.

5. Testing Data

Biostop® Pipe Collars are classified by Underwriters Laboratories as a Firestop Device. For specific test criteria, see the UL Fire Resistance Directory or call RectorSeal. Biostop® Pipe Collars were tested at a minimum .01 inches (2.5 Pa) of water positive pressure in accordance with UL 1479 (ASTM E814) test standards. Complies to Required Environmental Exposure Testing of Accelerated Aging and High Humidity as per UL 1479 Fire Test of Through-Penetration Firestops.



DURMAST CO., LTD.

48 Moo 2, Soi Watsripawat, Paduangawar Rd., Salangrang, Bangkuay, Nonthaburi, Thailand 11130
Tel. (662) 490-4445-6 Fax. (662) 490-4447 www.durmast.co.th E-mail : durmastsales@gmail.com



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® Pipe Collars should be stored in a cool, dry place. Best if protected from freezing. Keep product stored under protective cover in original container.

7. Availability

Biostop® Pipe Collars are available for 1 1/2" (38 mm), 2" (51 mm), 3" (76 mm), 4" (102 mm) and 6" (152 mm) (trade diameter) plastic pipe.

8. Limitations

Not for use in outdoor environments where long-term exposure to rainfall or saltwater spray may occur. No other limitations known if used as directed.

9. Cautions

KEEP OUT OF REACH OF CHILDREN.

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.



DURMAST CO., LTD.

48 Moo 2, Soi Watsriprawat, Paduangawatt Rd., Salagrang, Bangkuay, Nonthaburi, Thailand 11130
 Tel. (662) 490-4445-6 Fax. (662) 490-4447 www.durmast.co.th E-mail : durmastsales@gmail.com