



# Fire Protection Products

## 3M™ Fire Barrier RC-1 Restricting Collar

Technical Data Sheet

July / 2019

### Product Description

3M™ Fire Barrier RC-1 Restricting Collar is a 28-gauge steel collar which works in conjunction with 3M™ Fire Barrier Wrap Strip FS-195+, 3M™ Fire Barrier Ultra GS Wrap Strip and 3M™ Fire Barrier Tuck-In Wrap Strip to create an effective firestop system for combustible through-penetration applications.

### Product Features

- 28-gauge steel
- Convenient 25 ft (7.62 m) roll
- Easy Installation
- UL Classified for use on PVC, CPVC, ABS, CCPVC, CCABS, PVDF, PP and PB plastic pipe

### Applications

3M™ Fire Barrier RC-1 Restricting Collar is ideal for use in conjunction with 3M Intumescent Wrap Strips to close openings left behind by combustible penetrants in the event of a fire when appropriately installed per the corresponding third party tested and listed system.

### Installation Techniques

*Consult a 3M Authorized Fire Protection Products Distributor or Sales Representative for applicable UL, ULC, Intertek or other third-party drawings and system details.*

Equipment: 3M™ Fire Barrier RC-1 Restricting Collar is applied using shears, mechanical fasteners and power tools.

Installation Details: Tested and listed system details must be followed for each specific application. Install 3M™ Fire Barrier RC-1 Restricting Collar in accordance with system details for orientation and location requirements. Collar to be installed over wrap strips, tightly compressing wrap strips with band clamp and anchored to the substrate using steel mechanical or masonry fasteners having minimum 75 lb. pull out strength in conjunction with 1-1/4 in. (32 mm) diameter steel washers

Limitations: It is recommended that 3M™ Fire Barrier RC-1 Restricting Collar is installed in accordance with system details. Collar must be placed continuously around penetrating item and fastened to the corresponding surface with steel mechanical or masonry fasteners having minimum 75 lb. pull out strength in conjunction with 1-1/4 in. (32 mm) diameter steel washers.

# 3M Fire Protection Products

## 3M™ Fire Barrier XYZ

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Maintenance	No maintenance is expected to be required when installed in accordance with third party tested and listed firestop system. Once installed, if any section of the 3M™ Fire Barrier RC-1 Restricting Collar is damaged, the following procedure will apply: Any damaged product must be removed. The wrap strip material must be inspected to ensure integrity. The open area created must then be filled with new product, installed as detailed in the original applicable 3rd party tested and listed system.
Availability	Available from 3M Authorized Fire Protection Products Distributors. For additional technical and purchasing information, call 1-800-328-1687 or visit 3M.com/firestop.
Safe Handling	Consult Article Information Sheet prior to handling and disposing of 3M™ Fire Barrier RC-1 Restricting Collar.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
Warranty, Limited Remedy and Disclaimer	<p>Warranty: 3M warrants that the Product will be free from defects in material and manufacture during the Extended Warranty Period. If the Product does not conform to this warranty during the Extended Warranty Period, then 3M will, as the sole and exclusive remedy, provide replacement Product (or, if replacement material is unavailable, refund the Product purchase price) for the Project. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE.</p> <p>This warranty is void if the Product is not installed: (1) in accordance with the applicable UL or Intertek listings; (2) in accordance with the applicable Product data sheet and installation instructions; (3) in accordance with the specifications for the Project; and (4) by a 3M trained Installer. This warranty does not cover damage or failure caused by Product misuse, improper Product storage, improper Product installation, Product or Project abuse, natural disasters, or other force majeure events.</p>
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Product Selection and Use	Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the 3M product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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