

## RTC RANGE TAKING FIRESTOP COLLAR

### Adjusts Easily to Fit Multiple Pipe and Coupling Sizes

SpecSeal<sup>®</sup> Series RTC Range-Taking Firestop Collars are factory-manufactured devices designed to seal plastic pipes penetrating through fire resistance rated walls and floors. SpecSeal RTC Collars are comprised of a heavy gauge metal collar housing a molded intumescent insert. The adjustable collar is designed to allow a single collar to fit 3" and 4" trade size pipes (89 and 114 mm) and corresponding 3" and 4" couplings (102 and 127 mm).

When exposed to temperatures in excess of 320°F (160°C), the SpecSeal<sup>®</sup> RTC Collar's molded insert begins to expand (intumesce) rapidly to form a dense, highly insulative char. Free expansion ranges from 32 to 64 times the original (pre-expanded) volume. Expansion continues up to 1,000°F (538°C).



### FEATURES & BENEFITS

- **Adjustable:** One collar fits 3" (89mm) pipe, 3" (102mm) coupling, 4" (114mm) pipe, and 4" (127mm) coupling!
- **Rapid Expansion:** Closes off burning pipes quickly.
- **Small Profile:** Use it in all the tight spots!
- **Flexible & Durable:** No loose flakes (eye hazards).
- **Water-Resistant:** No water soluble or hygroscopic ingredients.
- **Economical:** Lower installed cost.
- **High Volume Char:** Expands up to 60 times!

### APPLICATIONS

SpecSeal<sup>®</sup> RTC Collars are used to protect a variety of plastic pipes and couplings including PVC, PVC Cellular Core (ccPVC), CPVC, ABS, and ABS Cellular Core (ccABS) in both vented (DWW) and closed (electrical conduit or water supply) installations.

SpecSeal<sup>®</sup> RTC Collars are suitable for use in all common constructions including concrete floors, concrete over steel deck, concrete walls, concrete block walls, gypsum board/ stud walls, as well as wood floor/ceiling assemblies.

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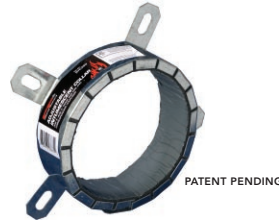
FIRESTOP DEVICE FOR USE IN THROUGH-PENETRATION FIRE-STOP SYSTEMS. SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE DIRECTORY.

## PERFORMANCE

SpecSeal® RTC Collars are the basis for systems that meet the exacting criteria of ASTM E814 (UL1479). Systems have been tested for all common forms of construction and the most common plastic pipes and couplings with ratings up to two hours. Consult factory for more information or refer to the UL Fire Resistance Directory.

PHYSICAL PROPERTIES	
<b>Product Name</b>	RTC Firestop Collar
<b>Shell Construction</b>	Nom 22 GA galvanized steel (0.03" thick (0.76 mm))
<b>Intumescent Insert</b>	Molded one piece
<b>Sizes Accommodated</b>	3" trade size pipe (89 mm) 3" trade size pipe coupling (102 mm) 4" trade size pipe (114 mm) 4" trade size pipe coupling (127 mm)
<b>Expansion Begins</b>	320°F (160°C)
<b>Volume Expansion</b>	32x to 64x (free expansion)
<b>In Service Temperature</b>	≤120°F (49°C)

**SpecSeal**  
FIRESTOP PRODUCTS



## ORDERING INFORMATION

Part #	Description	Packaging
RTC350	Adjustable factory collar for 3" (89 mm) & 4" (114 mm) pipe and associated 3" (102 mm) & 4" (127 mm) couplings	6 / Box

### WARRANTY

Specified Technologies manufactures its goods in a manner to be free of defects. Should any defect occur in its goods (within one year), Specified Technologies, Inc., upon prompt notification, will at its option, exchange or repair the goods or refund the purchase price.

### LIMITATIONS AND EXCLUSIONS

THIS WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS EXPRESSED OR IMPLIED (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY FOR FITNESS FOR USE) AND UNDER NO CIRCUMSTANCES SHALL SPECIFIED TECHNOLOGIES INC., BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL PROPERTY DAMAGE OR LOSSES. PRIOR TO USE, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND THE USER ASSUMES ALL RISKS AND LIABILITY FOR SUBSEQUENT USE.

No statement or recommendations not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

### MADE IN THE USA



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ZSTI3178