

Eastern Wire + Conduit

FIRESTOP Product Specifications

EASTERN'S RACEWAY COLLAR



May 1, 2004



Applications:

The Eastern Raceway Collar™ is manufactured for use with EMT conduit. The system is applicable for rated wallboard walls, structural concrete slabs or walls, hollow core concrete slabs, masonry walls, metal deck/concrete composite floors and floor-ceiling assemblies.

Common system listings:

Concrete floors: F-A-1025, F-A-1047, C-AJ-1392, C-AJ-1457

Concrete walls: F-A-1047, C-AJ-1392, C-AJ-1457

Gypsum walls: W-L-1242, W-L-1305,

Floor-ceiling Assy: F-C-1099

Product Description:

The Eastern Raceway Collar™ is a hinged, state-of-the-art, patented two part firestopping system comprised of a corrosion resistant red metallic "collar" and a molded intumescent pad. It is specifically designed for use with through penetration applications with the following metallic pipe:

CATALOG NUMBER	CONDUIT SIZE
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RC 0500	1/2" EMT
RC 0750	3/4" EMT
RC 1000	1" EMT
RC 1500	1-1/2" EMT
RC 2000	2" EMT
RC 2500	2-1/2" EMT
RC 3000	3" EMT
RC 3500	3-1/2" EMT
RC 4000	4" EMT

This one-step system is a quick, simple and test-proven method of firestopping metallic pipe. The Eastern Raceway Collar™ is readily installed in the rough-in stage or as a retrofit; not requiring screws, pull tabs, sealant or compaction of insulation material.

The simple installation can be completed by the electrical or data contractor and takes less time than current conventional systems.

No calculation of doses... No guess at compaction!

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Testing and Approvals:

Eastern Raceway Collar™ meets, and is tested to, the rigorous measures of the following organizations:

- ASTM E814
- UL 1479
- ULC CAN4-S115M
- Factory Mutual (FM)

Physical description:

Metal collar

- 22 gauge corrosion resistant galvalume painted red
- Three sizes at 4.8" (122 mm) outer diameter, 8.3" (211 mm) outer diameter and 12.8" (325 mm) outer diameter
- Inner diameter suited for selected outer diameter of pipe

Molded intumescent pad

- Flexible PVC based intumescent compound
- 5.2" (132 mm) outer diameter, 8.7" (221 mm) outer diameter and 13.2" (335 mm) outer diameter
- Inner diameter suited for selected outer diameter of pipe
- Extremely environmentally stable and resistant to exposure to elevated temperature, humidity and water
- Indefinite shelf life

Rating:

When used as a system, the Eastern Raceway Collar™ provides a 2 hour F rating. See UL Directory of products certified for Canada and UL Fire Resistance Directory for further details

Installation Method:

1. For Eastern Raceway Collar™ use, refer to appropriate system number in UL Directory of products certified for Canada and UL Fire Resistance Directory.
2. Read the Eastern Raceway Collar™ labeling and information to confirm sizing, pipe compatibility and appropriate use.
3. Wrap the black intumescent pad around the penetrating item such that the black intumescent pad will contact the floor, wall or ceiling assembly. Similarly open the hinged metallic collar and close it around the penetrating item, locking it again when the collar has wrapped around the penetrant.
4. Position the red collar firmly against floor, wall or ceiling assembly. Firmly depress equally spaced tabs to secure the collar to the penetrant. Rather than depressing tabs to contact the pipe, an alternative method allows that a stainless steel hose clamp be fastened around the penetrant, while making contact with the red collar, and depressing the entire assembly in place.

Note: For anchors with no tabs on the inner diameter, the stainless steel hose clamp installation method is required.

Technical Service:

Eastern Wire + Conduit provide technical support to assist in product selection, proper installation and any other technical questions. System drawings are available for submittal purposes upon request or can be printed from the Technical Page in our website, www.easternwire.com

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Local representative:

G T Sales 801-977-9191 fax 801-977-9393

Warranty:

All Royal are guaranteed for a period of one year from the date of purchase against defects resulting from faulty workmanship or materials. If any such product is found to be defective by reason of faulty workmanship or materials, upon written notice and return of the product, the defective product will be replaced by Royal free of charge, including shipping charges for replacement product. Claims for labor costs and other expenses required to replace such defective product or to repair any damage resulting from the use thereof will not be accepted by Royal. Our liability is limited to the price paid for the defective product. Royal will not be bound by any warranty, other than above set forth, unless such warranty is in writing. This is published in good faith and is believed to be reliable. However, Royal does not represent and/or warrant in any manner the information and suggestions contained on this package. Data presented is the result of laboratory tests.

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