- **Reenterable:** Cured foam is semi-permanent and can be removed.
- **Stops Gases**: Stops methane and other gases to keep electrical systems intact.
- **Reliable:** Holds 22 feet of water head pressure continuously.
- **Compatible:** Use with a wide range of cable jacket and conduit materials.

Meets and Exceeds NEC Codes for Raceway Seals

Polywater® FST™ Foam Duct Sealant meets and exceeds the NEC code requirements; 2017 NEC Articles 225.27, 230.8, 300.5 (G), 300.7 (a) on Raceway Seals, and 501.15 (B) (2). FST is superior to both duct putty and aerosol cans of foam because it has been tested for cable compatibility.

FST Meets the Following from the NFPA 70® National Electrical Code® 2008, 2011, 2014, 2017 Editions

NEC 225.27 Raceway Seal. Where a raceway enters a building or structure from outside, it shall be sealed. Spare or unused raceways shall also be sealed. Sealants shall be identified for use with cable insulation, conductor insulation, bare conductor, shield, or other components.

NEC 230.8 Raceway Seal. Where a service raceway enters a building or structure from an underground distribution system, it shall be sealed in accordance with 300.5(G). Spare or unused raceways shall also be sealed. Sealants shall be identified for use with the cable insulation, shield, or other components.

NEC 300.5 (G) Raceway Seals. Conduits or raceways through which moisture may contact live parts shall be sealed or plugged at either or both ends. Spare or unused raceways shall also be sealed. Sealants shall be identified for use with the cable insulation, conductor insulation, bare conductor, shield, or other components.

Informational Note: Presence of hazardous gases or vapors may also necessitate sealing of underground conduits or raceways entering buildings.

NEC 300.7 (A) Sealing. Where portions of a raceway or sleeve are known to be subjected to different temperatures, and where condensation is known to be a problem, as in cold storage areas of buildings or where passing from the interior to the exterior of a building, the raceway or sleeve shall be filled with an approved material to prevent the circulation of warm air to a colder section of the raceway or sleeve. An explosion proof seal shall not be required for this purpose.

NEC 501.15 (B)(2) Conduit Seals, Class 1 Division 2: A conduit seal shall be required in each conduit run leaving a Class 1, Division 2 location... and it shall be designed and installed to minimize the amount of gas or vapor within the portion of the conduit installed in the Division 2 location... Such seals shall not be required to be explosion proof..."

* *As always with the NEC code it is prudent to check with and get approval from the AHJ before installing any product in a hazardous location area due to varying interpretations.*

CONTACT US

1-800-328-9384 Toll Free | 1-651-430-2270 Main | 1-651-430-3634 Fax | email: support@polywater.com

IMPORTANT NOTICE: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end- user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy, American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from product's use, regardless of the legal theory asserted.

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