Polywater®

FST™ Foam Duct Sealant Family

2-PART, CLOSED-CELL FOAM DUCT SEALANT



A Proven Track Record for Providing Durable and Reliable Protection in the Toughest Environments

CLASSIFIED c UL us R39313

Polywater® FST™ Foam Duct Sealant is used to protect mission-critical electrical and telecommunication systems from water, gases, and other unwelcome intrusions. The closed-cell, foam sealant technology evenly flows around cables and in conduit space to create a strong bond. It expands and completely cures into a rigid, robust seal without relying on environmental moisture.



FEATURES AND BENEFITS

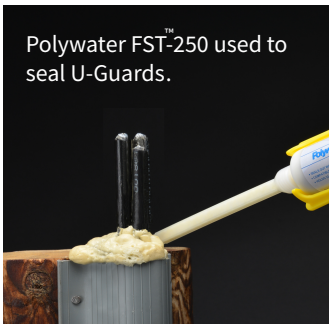
- **RELIABLE**
  Holds 22 ft (6.7 m) continuous water head pressure and up to 90-ft (27 m) surges
- **VERSATILE**
  Seals conduits of all sizes and complex cable configurations
- **RE-ENTERABLE**
  Seal can be removed for future cable installations
- **COMPATIBLE**
  Use with a wide range of cable jacket and conduit materials
- **NEC COMPLIANT**
  Creates airtight/watertight conduit seals and is fire retardant
- **RODENT DETERRENT**
  Contains a bittering agent to prevent rodents from chewing

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CATALOG #	PACKAGE DESCRIPTION	UNITS/CASE
FST-250KIT1	Kit Includes: 1 – 8.5 oz. FST Cartridge (cat# FST-250); 3 – Mixing Nozzles (cat# MXR-41T-10); 4 – 24” Foam Damming Strips (cat# FST-DAM); 1 – 12” Sanding Cloth; 1 – Pair of Gloves; 1 – Positioning Rod for Foam Dam; 1 – Pre-treating Wipe (cat# HP-P158ID); 1 – Resealing Cap; 1 – Instruction Sheet TOOL-250 NOT INCLUDED. SOLD SEPARATELY.	1
FST-250KIT	Same as Kit Above in a Box of 6	6
FST-250	1 – 8.5 oz. FST Cartridge; 1 – Mixing Nozzle; 1 – Resealing Cap	12
MXR-41T-10	10-Pack of Mixing Nozzles for FST-250	1
TOOL-250	High-Ratio Caulking Tool for FST-250	1
FST-DAM	1 – 24” Foam Damming Strip	24
FST-MINI-1	Kit Includes: 1 – 50 ml FST Cartridge; 2 – Mixing Nozzles (cat# MXR- 20T-10); 6 – Foam Discs; 2 – Pairs of Gloves; 1 – Instruction Sheet	1
FST-MINI-B6	6 – FST-MINI-1	1
TOOL-50-11	1 – Dispensing Tool for FST MINI	1
MXR-20T-10	10-Pack of Mixing Nozzles for FST MINI	1



Application Video

SPECIFICATIONS AND APPLICATIONS

- **Application:** Polywater FST-250 is recommended for conduits of 2 inches (50 mm) or larger. Polywater FST™ MINI is recommended for conduits less than 2 inches (50 mm).
- **Codes:** Meets most countries’ electrical codes. Creates air/watertight seals and is self-extinguishing. Check local codes for performance criteria. Meets 2011, 2014, 2017, 2020 NEC Articles v225.27, 230.8, 300.5(G), 300.7 (A), 501.15 (b)(2) on Raceway Seals.
- **Materials:** Bonds to PVC, GRS, EMT, IMC fiberglass, and PE conduits.
- **Fire Retardant:** Polywater FST is a UL recognized component and passed UL 94 with a Class HBF fire retardant rating.
- **IP-66 Rating:** Polywater FST was tested to IEC 60529 (IP6X and IPX6). When installed properly in accordance with the directions for each specific application FST meets the IP-66 rating and seals against water and dust intrusion.

Polywater Foam Sealant Quantity Calculator
Perform calculations of how much FST Foam Sealant to use based on conduit ID, cable occupancy, and number of seals.

CALCULATE QUANTITY

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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 a product’s use, regardless of the legal theory asserted.

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