

Polywater® AFT™

AEROSOL FOAM SEALANT



Installation of Polywater AFT-16

For Sealing Conduits and Risers from Moisture, Gases, and Rodents

PRODUCT BENEFITS

- **Quick Installation:** 2-minute application time or less.
- **Multiple-Use Can:** Creates numerous seals in all types of ducts.
- **Reliable:** Holds 10 feet of continuous water head pressure.
- **Durable:** Withstands cold temperature applications.
- **Removable:** Product can easily be removed to replace cable.

Protects Conduit and Raceway Systems

AFT™ closed-cell sealant provides 10 feet of water-blocking performance in electrical and telecommunication environments. The two-part, closed-cell AFT Sealant is durable and easy to install. AFT has excellent adhesion to a variety of conduits.



Steel conduit installation



Completed AFT-16 installation



Catalog # AFT-16

Provides Quick and Easy Installation

AFT seals conduit with quicker installation and higher performance compared to duct putty or single-part insulating hardware store foams. AFT expands and cures to a rigid, closed-cell structure in minutes. AFT creates an airtight, watertight seal. AFT can be used to seal service entrances, conduit stub-ups, innerducts, inverters and combiners for solar installations, and riser poles for the electrical grid. AFT protects against insects, rodents, moisture, dust, and gases. The package is reusable, and the fire-retardant seal is self-extinguishing.

POLYWATER AFT

Catalog #	Package Description	Units/Case
AFT-16P4	1 - 16 oz. can; 2 - actuators	4
AFT-16	1 - 16 oz. can; 2 - actuators	15
AFT-SAE10	10-pack of actuators with standard extension tube	1
AFT-FAE10	10-pack of actuators with flexible extension tube	1

SPECIFICATIONS AND APPLICATIONS:

- **Cable Compatibility:** AFT two-part foam sealant is compatible with common cable jacket materials. The cured foam is an inert solid that does not affect cable components.
- **Cure Rate:** AFT two-part foam sealant can be used at temperatures down to 45°F (7°C). At lower temperatures the reaction slows, but the sealant will completely foam and cure with time. AFT foam expands two times its volume as it is dispensed. Full expansion is complete in under 2 minutes at 70°F (21°C). It will take 3 to 5 minutes to be tack free. During this time do not move cables or touch foam.
- **Approvals/Codes:** AFT is UL recognized and passed UL94 with a Class HBF fire retardant rating. Polywater AFT Sealant meets NESC code sections 322 B4 and 355 D; and 2008, 2011, 2014, and 2017 NEC conduit sealing code requirement Articles 225.27, 230.8, 300.5 (G), 300.7 (A) on Raceway Seals, and 501.15 (B)(2).
- **Application:** Shake can for 60 seconds to mix. Lift hinge and insert dispensing nozzle into top orifices so that the arrow lines up with the dispensing nozzle. Invert aerosol can. Insert nozzle all the way into the seal space and fully squeeze the hinge to spray sealant into the conduit.

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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 product's use, regardless of the legal theory asserted.

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