

BonDuit® Conduit Adhesive

BonDuit® Conduit Adhesive is Easy to Use and Cost Effective

BonDuit® Adhesive requires no special training and minimal labor. Total installation time is less than 5 minutes. Convenient kit contains all material to make the connection. BonDuit® provides a low cost solution compared to alternative methods.

Applications Per Cartridge

Conduit Size	Applications per BT-CARTRIDGE
1-1/4 inches	15-20
1-1/2 inches	12-18
2 inches	10-15
2-1/2 inches	8-12
3 inches	6-9
4 inches	4-6
6 inches	2-3

BonDuit® Conduit Adhesive Kit Ordering Information

Catalog #	Description	Units/Case
BT-KITG	50-mL adhesive cartridges – 2 Mixing nozzles – 8 Sanding cloth – 1 Pre-treating wipe (cat# RP-1) – 8 Dispensing Tool (cat# TOOL-50-11) – 1	1
BT-KIT	Same as above product TOOL-50-11 NOT INCLUDED	1
BT-KITB6G	50-mL adhesive cartridges – 12 Mixing nozzles – 48 Sanding cloth – 6 Pre-treating wipe (cat# RP-1) – 48 Dispensing Tool (cat# TOOL-50-11) – 1	1
BT-KITB6	Same as above product TOOL-50-11 NOT INCLUDED	1
TOOL-50-11	Dispensing Tool – 1	1
MXR-12T-10	Package of 10 mixing nozzles	1
BT-CART12PK	50-mL adhesive cartridges – 12 Mixing nozzles – 36	1
RP-1	Saturated 5" x 8" pre-treating wipe	96

To view technical information on our website go to:

Support Page: www.polywater.com/bonduit.asp

Application Videos: www.polywater.com/videos.asp



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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.

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Model Specification:

The statement below may be inserted into a customer specification to help maintain engineering standards and ensure work integrity.

Approved conduit joining system is BonDuit® Conduit Adhesive. The conduit adhesive shall come in a multiple-use cartridge to bond various conduit connections without special fitting or positioning jigs. The packaging shall automatically mix and meter the adhesive. The cure rate for the adhesive shall be fast, reaching 50% of final strength in one hour (@ 75° F), and 80% of final strength in two hours (@ 75° F). The peak exotherm temperature of mixed product shall not exceed 200° F (20 gram sample.) Product shall be suitable for use on various duct materials, multiple duct sizes and connection types.

Once cured, the adhesive seal shall be airtight and watertight. A one-inch, PVC coupling sealed to a polyethylene duct with the adhesive shall hold 120 psi air pressure after curing one hour at 75° F. The pull-out strength of a two-inch polyethylene duct sealed to a PVC coupling shall be at least 910 lbs force after curing one hour at 75° F and at least 1820 lbs force after curing for 24 hours. The adhesive shall have a minimum flexural strain of 2% as measured by ASTM D790.

The cured adhesive shall be resistant to water, salt water, oils, and uv degradation. The cured bond shall withstand temperature extremes from -60° F to 250° F. It shall withstand multiple freeze-thaw cycles. The cured product shall be non-conductive with a minimum dielectric strength of 450 Volts/Mil as measured by ASTM D149.

Order Information:

<u>Cat #</u>	<u>Package Description</u>
BT-KITG	Kit contains: 2 50-ml BonDuit® Adhesive Cartridges 8 Mixing Nozzles 1 Strip of Sanding Cloth 8 RP-1 Cleaning Wipes 1 Instruction Sheet 1 Dispensing Tool
BT-KIT	Kit contains: 2 50-ml BonDuit® Adhesive Cartridges 8 Mixing Nozzles 1 Strip of Sanding Cloth 8 RP-1 Cleaning Wipes 1 Instruction Sheet (Dispensing tool not included.)
BT-KITB6G	Bulk kit contains 6 Individual Kits, BT-KIT 1 Dispensing Tool Included
BT-KITB6	Bulk kit contains 6 Individual Kits, BT-KIT (Dispensing tool not included.)
TOOL-50-11	1 Dispensing Tool
MXR-12T-10	10 Mixing Nozzles
BT-CART12PK	12 50-ml BonDuit® Adhesive Cartridges in a Package

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Makers of Polywater® and Dyna-Blue® Cable Lubricants
and Pull-Planner™ Software

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