



The Company With Connections®



A HIGH STRENGTH SEALANT FOR BONDING POLYETHYLENE, METAL, FIBERGLASS AND MORE

# BONDUIT Conduit Adhesive

## DUCT ADHESIVE

**BonDuit Adhesive** is a high strength adhesive which creates airtight and watertight splices. The strong bonds withstand movement and vibration. **BonDuit Adhesive** provides a low-cost solution compared to alternative methods.

This high strength sealant can be used to bond polyethylene, metal, fiberglass and more.



## MATERIAL

It will bond polyethylene to PVC couplings, concrete vaults, transition couplings, above ground conduit, steel sweeps and elbows, fiberglass, composite connections, PEX, CPVS, ABS and polypropylene materials.

## KEY ADVANTAGES

- Bonds are durable with high tensile strength within an hour.
- Application requires no special training and minimal labor.
- Total installation time is less than 5 minutes.
- Convenient kit contains all materials to make the connection.
- Bonduit provides a low-cost solution compared to alternative methods.

## INSTALLATION INSTRUCTIONS

- 1.) Cut conduit to the desired length.
- 2.) Clean both conduit and coupling with a rag to remove dirt and grime.
- 3.) Sand the outside of the conduit 1/2 inch beyond the depth of the insertion into the coupling and the inside of the coupling. Be sure all the polish is removed.
- 4.) Clean the adhesion surfaces of both the conduit and coupling to remove oils and displace water.
- 5.) Place adhesive in a 1/8 to 1/4-inch bead using a zigzag pattern the depth of the connection.
- 6.) Twist the coupling immediately onto the conduit.
- 7.) Smooth any excess Bonduit adhesive. Do not move joint until

## TEMPERATURE APPLICATIONS

Working temperature for **BonDuit Adhesive** is 35°F to 95°F (2°C-35°C).

In cool weather (below 60°F) keep **BonDuit Adhesive** warm before using (above 60°F). Keep couplings in a warm area before use. It may be necessary to heat the transition joint to force the BonDuit Adhesive cure. Below 35°F, the joint should be heated to cure the adhesive.

In warm weather (above 85°F), keep **BonDuit Adhesive** cool, below 70°F. This will help keep the adhesive from curing before coupling is attached. If possible, use adhesive to make bonds in the cooler mornings and out of direct sunlight to slow down cure rate.

See below for temperature dependence:

Temp.	Working time	Set time before movement
35° F 2°C	40 Minutes	7 Hours
52° F 11°C	20 Minutes	3 ½ Hours
60° F 16°C	10 Minutes	1 ½ Hours
70° F 21°C	6 Minutes	60 Minutes
88° F 31°C	4 Minutes	40 Minutes