

## **PE Fusion** Instruction Sheet

The **PE Fusion** System consists of an application tool, plunger, two-part adhesive cartridge and a static mixer.

1. Unlock the cartridge-retaining collar by lifting up on the collar's black latch at the top of the tool. Rotate the collar forward. Lift the metal tab at the rear of application tool and slide the plunger into the front of the tool with the ratchet teeth down. Slide the plunger all the way to the back of the tool before releasing the metal tab. Insert the cartridge in the wide slot in the collar. Push the collar back and press firmly on the front of the collar until it snaps into place. Remove the cap of the cartridge (save the cap to reseal).

2. **Pump the handle gently to seat the plunger and extrude a small amount of adhesive from the front of the cartridge. This is to ensure proper ratio of material (10:1).**

3. Place a new static mixer on the tip of the cartridge and twist until it locks into place. Pump the handle several times until the material begins to flow into the static mixer. As the material passes through the static mixer it will change to a consistent color. **The material needs to be uniform in color (with no streaks) before using.**

4. **PE Fusion** should be applied to surfaces that have been "roughed up" using the scuff sheet included in the Field kit. Rough up the conduit and also the inside of the coupling.

5. Place the tip of the static mixer against the conduit. Apply a bead of **PE Fusion** completely around the conduit. **Apply enough PE Fusion to ensure a small residual amount at the top of the coupling after the conduit has been inserted. Apply PE Fusion as close to the edge of the conduit as possible. DO NOT** apply any **PE Fusion** to any part of the coupling. Insert the conduit into the end of the coupling, turning the coupling as you push it onto the conduit. **PE Fusion** will set up in 3 to 5 minutes (depending on ambient temperature).

6. Upon completion, remove and discard the static mixer and replace the cap on the cartridge.

**Note: The static mixer can be used for multiple joints as long as the materials have not set up, normally after 3 to 5 minutes of non-use.**