



**Test Kit Includes:**

- 120 cc water sample tube
- 5 sterile test vials
- 5 Pink Reagent Powder Pillows
- 5 White Reagent Powder Pillows

**Ordering Information**

Stock No.	Model / Description
1119170	Potter Pipe-Shield Test Kit

**Overview of Test**

The purpose of the Potter Pipe-Shield® Test Kit is to verify that proper levels of Potter Pipe-Shield® are present in systems that have been treated with the inhibitor.

The initial injection of Potter Pipe-Shield® should protect sprinkler piping for two years of normal sprinkler system use with quarterly testing. To maintain continuous protection against MIC (Microbiologically Influenced Corrosion), use the Potter Pipe-Shield® Test Kit to test the water in the sprinkler system for the presence of Potter Pipe-Shield®.

Test the system for proper levels of Potter Pipe-Shield® when any of the following occur:

- One year of quarterly sprinkler system testing
- Activation of the sprinkler system
- Draining and refilling the system
- Replacement or addition of sprinkler pipe

If the level is low, open the system to allow water to flow through the sprinkler system and inject additional Potter Pipe-Shield® into the flowing water to bring the level up to 0.5% by volume for wet systems.

To maintain appropriate levels of Potter Pipe-Shield®, in the system, inject maintenance doses into the system as follows:

- 0.25% per volume for wet systems after two years of no activity other than quarterly testing or anytime the system is drained and refilled.
- 0.5% per volume for wet systems if more than 25% of the pipe has been replaced or if the system has been activated.
- 0.5% per volume for dry pipe or pre-action systems whenever a full flow trip test is performed (or every three years, minimum).

**CAUTION**

To prevent an unwanted waterflow alarm, take all necessary precautions when flowing water through a sprinkler system.

**Test Instructions**

1. Open the valve from which the sprinkler water sample will be obtained. Allow water to flow for 5-10 seconds.
2. Fill the 120 cc bottle ½ to ¾ full with the sprinkler water.
3. Close the valve and cap the bottle with the sprinkler water.
4. Fill the glass test vial ½ to ¾ full with clean drinking water.
5. Open one pink pillow. Empty the contents of the pillow into the glass vial containing the clean drinking water.
6. Secure the cap on the vial. The water in the vial turns pink.
7. Dissolve all of the pink powder in the clean pink water by gently turning the vial upside down and upright until all of the powder is dissolved.
8. Open one white pillow. Empty the contents of the pillow into the glass vial containing the clean pink water.
9. Dissolve all of the white powder in the clean pink water by gently turning the vial upside down and upright until all of the powder is dissolved. The water becomes a lighter shade of pink.
10. Open the cap on the vial and pour some of the sample sprinkler water from the 120 cc bottle into the vial.
11. The water should change from a light pink to a fluorescent purple or bright pink color to indicate the presence of Potter Pipe-Shield®.

**NOTICE**

- Rinse the 120 cc bottle thoroughly after each use to remove all residue before collecting a sample for another test. This prevents false positive readings from any left over Potter Pipe-Shield® in the bottle.
- Dispose of the test kit water in any sanitary drain.
- Take care when discarding the glass test vial to prevent broken glass and cuts