

Installation Best Practices for BlazeMaster[®] CPVC

BlazeMaster[®] CPVC is the world's most specified nonmetallic fire sprinkler system for many good reasons—one of which is its ease of installation. Here are a few tips to help you ensure a great installation—every time.



Handle with Care

Keep BlazeMaster pipe and fittings systems in the original packaging until needed. Avoid direct sunlight. Never use pipe faded due to sunlight.

INSIDER'S TIP

Made in the shade: Keep pipe stored outside covered with an opaque tarp.



Cut and Join

Use a sharp-bladed ratchet cutter (only at 50°F (10°C) or higher), wheel-type plastic tubing cutter, power saw or fine tooth saw to cut pipe squarely. Deburr the inside, bevel the outside. Test fit the pipe.

INSIDER'S TIP

Never use a ratchet cutter to modify or repair an existing system. You'll risk cracking the pipe.



Solving Solvent Cement

Follow the manufacturer's instructions in regard to proper clothing, personal protective equipment, ventilation, storage and contact. Note special directions for cold weather applications.

INSIDER'S TIP

If the can of solvent cement is outdated or the cement is gelled or discolored, always open a fresh can. Apply cement to the outside of the pipe first—then to the fitting—to prevent puddles from developing.



The Cure for Everything

Follow manufacturer's cure schedules at all times for pressure, pipe size and temperature. Note: this assumes that the pipe and fittings are dry. If water is present, cure times increase.

INSIDER'S TIP

Cure times to modify or repair an existing system are longer. [Look for them here](#)



Finishing Touches

Never use Teflon™ tape and thread sealant simultaneously. Solvent weld sprinkler head adapters prior to installing sprinkler heads. Ensure that the waterway is not obstructed before installing the sprinkler head. Allow for movement due to expansion and contraction—especially in cold weather.

INSIDER'S TIP

Have a question? Need some advice? We're just a phone call away. Call your local BlazeMaster Fire Protection Systems professional at 1-888-234-2436.



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