

CLEARDRAIN™ PVC

PVC Pipe ASTM D1785

Description

ClearDrain PVC™ on first use is a revolutionary Schedule 40 PVC piping system designed specifically for HVAC condensate drainage for light commercial HVAC, refrigeration and residential condensate drainage. This cutting-edge technology combats the persistent challenges posed by white slime and biofilm, known culprits behind blockages and water leaks in drainage systems.

Unlike conventional piping systems, ClearDrain PVC boasts an innovative, long-lasting solution that effectively minimizes the attachment and proliferation of harmful elements like bacteria, algae, and white slime. Its passive-action technology fundamentally alters the pipe's surface structure, preventing the attachment and growth of these microorganisms. ClearDrain PVC ensures the uninterrupted flow of condensate, preventing clogging and significantly lowering the risk of water leaks within the HVAC system.

Applications

Condensate piping system for HVAC and refrigeration.

Recommended for

- Commercial
- Industrial
- Residential

Packaging



Feature & Benefits

- Passive-action clog prevention technology containing 3% natural mineral Zinc
- Standard PVC pipe installation practices
- Long-lasting with no migration or loss of effectiveness
- Contains no chemicals, biocides or coatings
- Conforms to ASTM D1785 (Pipe) & D2466 (Fitting) standards
- UV resistant

Code	Description	Qty per Case	Lbs per Case
86599	ClearDrain PVC 3/4" Pipe 10ft	10*	23.89
86600	ClearDrain PVC 3/4" Pipe 7ft	10	16.70
86601	ClearDrain PVC 3/4" Coupler	25	0.96
86602	ClearDrain PVC 3/4" 90° Elbow	25	1.56
86603	ClearDrain PVC 3/4" 45° Elbow	25	1.16
86604	ClearDrain PVC 3/4" Tee	25	1.91
86605	ClearDrain PVC 3/4" Male Adapter	25	1.11
86607	ClearDrain PVC 3/4" 90° Running Trap	25	6.58
86614	ClearDrain PVC 3/4" P-Trap	25	6.08
86616	ClearDrain PVC 3/4" MPT Elbow	25	2.04
86617	ClearDrain PVC 3/4" Female Thread Adapter	25	1.04
86618	ClearDrain PVC 3/4" End Cap	25	0.84

Code	Description	Qty per Case	Lbs per Bag/Case
86598	ClearDrain PVC 1" 10ft Pipe (5 sticks per bag)	5	37
86597	ClearDrain PVC 1" Coupler	25	28
86596	ClearDrain PVC 1" 90° Elbow	25	25
86595	ClearDrain PVC 1" 45° Elbow	25	22
86594	ClearDrain PVC 1" Equal Tee	25	32
86593	ClearDrain PVC 1" Male Thread Adapter	25	29
86592	ClearDrain PVC 1" Female Thread Adapter Slip	25	29
86591	ClearDrain PVC 1" End Cap	25	24
86585	ClearDrain PVC 1-1/4" 10ft DWV Pipe (5 sticks per bag)	5	43
86584	ClearDrain PVC 1-1/4" Coupler	25	30
86583	ClearDrain PVC 1-1/4" 90° Elbow	25	30
86582	ClearDrain PVC 1-1/4" 45° Elbow	25	30
86581	ClearDrain PVC 1-1/4" Equal Tee	25	26
86580	ClearDrain PVC 1-1/4" Male Thread Adapter	25	47
86579	ClearDrain PVC 1-1/4" Female Thread Adapter Slip	25	45
86578	ClearDrain PVC 1-1/4" End Cap	25	23
86572	ClearDrain PVC 1-1/2" 10ft DWV Pipe (5 sticks per bag)	5	50
86571	ClearDrain PVC 1-1/2" Coupler	25	21
86570	ClearDrain PVC 1-1/2" 90° Elbow	25	47
86569	ClearDrain PVC 1-1/2" 45° Elbow	25	20
86568	ClearDrain PVC 1-1/2" Equal Tee	25	47
86567	ClearDrain PVC 1-1/2" Male Thread Adapter	25	22
86566	ClearDrain PVC 1-1/2" Female Thread Adapter Slip	25	43
86565	ClearDrain PVC 1-1/2" End Cap	25	21
86564	ClearDrain PVC 1-1/2" Female Tee With Clean Out	25	48
86563	ClearDrain PVC 1-1/2" Clean out with F Adapter Thread Slip	25	23
86562	ClearDrain PVC 1-1/2" Wye Tee	25	30

* a whole pallet must be purchased, quantity 60 cases.

Installation Guidelines

- The piping shall maintain a horizontal slope in the direction of discharge of not less than one-eighth inch per foot horizontal (1% slope).
- Condensate shall not decrease in size from the drain pan.
- In case of failure, a water-level detection device should be used with this system.
- The system must be installed and configured to allow cleaning, maintenance, and clearing of blockages without the drain line being cut.
- Installation should conform to the International Plumbing Code (IPC®), state/country building regulations, and ASTM Standards.

Pipe and Fitting Preparation for Installation

1. Cut the pipe square using a pipe-cutting tool. All joints are sealed at the base of the fitting. A non-square joint may fail.
2. Remove all pipe burrs from the inside and outside of the pipe.
3. Clean and dry the pipe and fittings, ensuring that dirt, grease, and moisture are removed with a clean and dry cloth.
4. Test the pipe and fittings by completing a dry fit test. Pipe and fittings that are too tight or loose should not be used.
5. Apply PVC Primer to the fitting socket.
6. Apply PVC Primer to the pipe surface.
7. If necessary, apply two coats of primer to the fitting socket and pipe surface. More applications of primer may be required in cold weather conditions.
8. Apply PVC Solvent Cement to the pipe surface and the socket fitting, ensuring excess solvent cement does not accumulate inside the socket.
9. Join the pipe and fit together quickly while the solvent cement is still wet. Where possible, apply a quarter turn to the pipe or fitting to distribute the solvent cement evenly.
10. Hold the pipe and fitting in place until the solvent cement has set, and ensure the pipe does not back out of the fitting.
11. Remove any excess solvent cement.
12. Align all piping system components correctly without stress or strain. Do not bend or pull the pipe into position after it has been welded with solvent.

Maintenance Guidelines

To ensure the best possible performance of the ClearDrain PVC System:

1. Maintenance of ClearDrain PVC is recommended every six months—ideally, once in spring/summer and once in autumn/winter.
2. To remove dust and debris from the internal surface of the pipe, the ClearDrain PVC System must be flushed through with warm, clean water.
3. Caution must be taken to avoid flushing dirt and debris from the HVAC system's drain pan into the pipe network.
4. A clean internal pipe surface ensures optimal performance of the ClearDrain PVC System.

 **WARNING** This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Limited Warranty



For more information on our product warranty, visit rectorseal.com.



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