



Seamless PVC Stormdrain

Engineered for High Strength

There are
a number of
solid reasons to
specify and install
PWRib for your next
storm drainage project...

PWRib's super-smooth interior wall provides an unsurpassed Manning coefficient of 0.009—permitting greater flows.

Stormdrain Pipe Sizes Required for Equivalent Flow

PWRib	(n=0.009)	8"	10"	12"	15"
PE	(n=0.010)	8"	10"	12"	15"
RCP	(n=0.015)	10"	12"	15"	18"
CMP	(n=0.025)	12"	15"	18"	24"

Note: Information based on pipe flowing one-half full and next largest available pipe size.

Completely seamless PWRib saves time, trouble, and money. Integral-bell gasketed joints eliminate the expense and handling of separate couplings.

PWRib's exceptionally light weight allows for nearly effortless handling at a job site. Longer 13- and 20-foot lengths are standard...you'll make fewer joints on every job.

PWRib's PVC construction and engineered wall profile provide greater pipe stiffness than polyethylene stormdrain pipes. Your PWRib stormdrain system will stand up to greater soil and highway loading.

Unlike polyethylene stormdrain pipes, PWRib's PVC construction is not susceptible to environmental stress cracking. You can be confident that PWRib will remain a top performer for decades.

PVC is denser than water and PWRib's open-rib wall profile won't trap air in wall pockets. Choose PWRib and you won't have to fight a pipe that wants to "float" in wet conditions.

When you cut PWRib to length in the field, its independent, parallel ribs eliminate the need for hand bevelling or routing a gasket groove. Simply saw between any pair of ribs, place the gasket between the second and third ribs from the end of the pipe, and mark the insertion line between the sixth and seventh ribs.

PWRib's role as a sanitary sewer pipe lets you choose from a huge variety of fittings to complete virtually any storm drainage application.

PWRib's watertight, air-testable, gasketed joints conform fully to ASTM D 3212. By eliminating leaky joints, PWRib makes certain your system will prevent washouts. Plus, you're assured compliance with EPA storm water regulations.

Superior abrasion resistance permits PWRib to withstand grit and pebbles in storm water runoff far better than concrete pipes. (For a detailed study of PWRib's abrasion resistance, call PWPipe and request a copy of Uni-Bell's *PVC Pipe News*, Summer 1992.)

PWRib will never rust or corrode.

PWRib meets the demanding requirements of ASTM F 794 and AASHTO M304 and is listed by Underwriters Laboratories, Inc.®

PWRib is engineered and tested to meet your most demanding stormdrain task. Turn this page over for a complete Short Form Specification.

PWPipe

**Waterworks
Products**

www.pwpipe.com



Short Form Specification

PWRib Seamless PVC Profile-Wall Storm Drainage Pipe

Scope

This specification covers the basic requirements for PWRib, a seamless PVC profile-wall storm drainage pipe for gravity flow applications.

Materials

The pipe shall be made from a polyvinyl chloride (PVC) compound conforming to the requirements of ASTM D 1784, cell class 12364. The gasket shall conform to the requirements of ASTM F 477.

Pipe Construction

The pipe shall conform to the requirements of ASTM F 794 with a minimum pipe stiffness of 46 psi. The pipe shall also conform to the requirements of AASHTO M304.

Pipe Joint

The pipe joint shall have an integral-bell gasketed joint conforming to the requirements of ASTM D 3212.

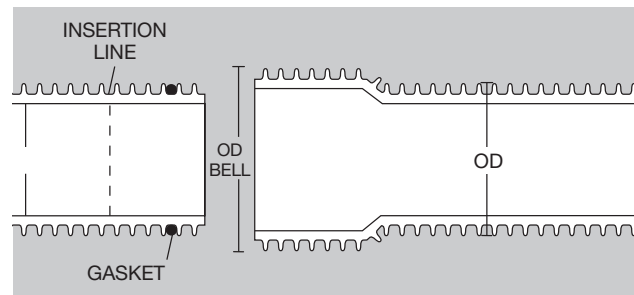
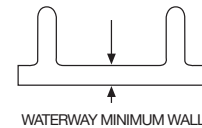


Installation

The pipe should be installed in accordance with PWPipe's *Ribbed Pipe Installation Guide* or Uni-Bell's *Uni-B-5*.

Listing

The pipe shall be listed by Underwriters Laboratory, Inc.®



PWRib Dimensions and Weights for 20 Ft and 13 Ft Laying Lengths

Nominal Pipe Size (inches)	Average Outside Diameter (inches)	Base Inside Diameter (inches)	ASTM Waterway Minimum Wall (inches)	Approximate Bell OD (inches)	Approximate Weight 20 Ft Pieces (lbs/100')	Approximate Weight 13 Ft Pieces (lbs/100')
8	8.800	7.665	0.060	9.760	220	230
10	11.000	9.563	0.070	12.220	380	390
12	13.100	11.361	0.085	14.600	510	520
15	16.070	13.898	0.105	17.840	670	690

PWPipe is the largest producer of PVC pipe in western North America and our products are available from distributors throughout this geographic area. PWPipe products include PVC and polyethylene pipe and tubing for a variety of applications servicing the potable water, well casing, sewer, turf, agriculture, plumbing, communications, and electrical markets. Our nine manufacturing facilities in Oregon, Washington, California, Utah, and Nebraska assure on-time delivery.



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