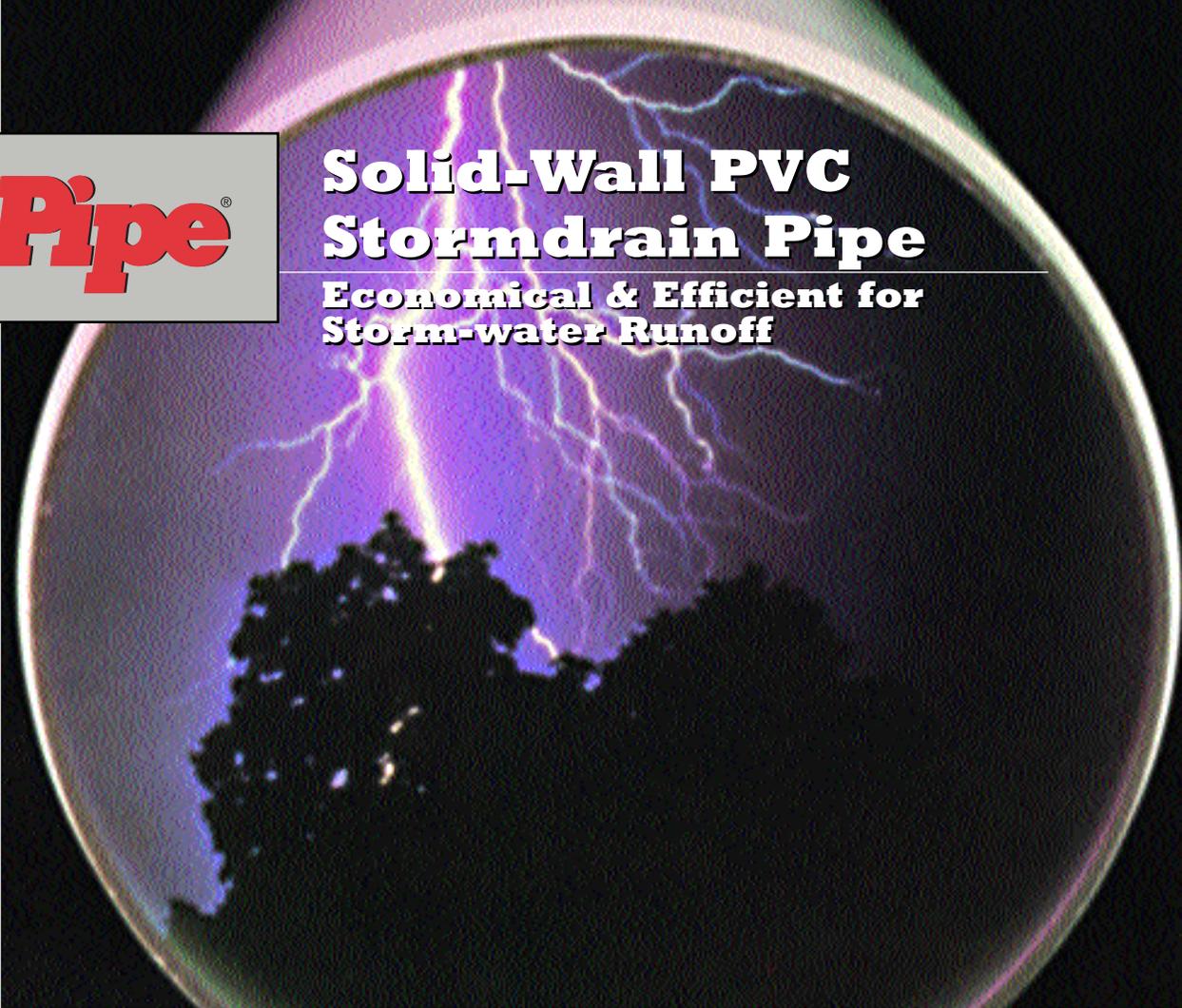




PWPipe[®]



**Solid-Wall PVC
Stormdrain Pipe**
**Economical & Efficient for
Storm-water Runoff**

PWPipe Stormdrain pipe combines superior material with the latest manufacturing technology. Our pipe meets or exceeds industry standards, because we enforce rigorous quality control in all our manufacturing facilities.

PWPipe supports the PVC Pipe industry's efforts to maintain the highest design and manufacturing standards. We are members of Uni-Bell PVC Pipe Association.

The following specifications designate general requirements for PVC solid-wall Stormdrain pipe with integral bell and spigot gasketed joints for the conveyance of storm-water runoff.

Materials: Pipe material is made of the PVC compound, cell class 12454 or 12364, as defined in ASTM D 1784. The pipe stiffness corresponds with the Series as determined in accordance with ASTM D 2412.

Pipe and Joint: The elastomeric seal or gasket conforms to ASTM F 477. Gasketed joints meet the leakage test requirements of ASTM D 3139 (Series 14 and Series 28) or ASTM D 3212 (Series 46).

Series 14 and 28 (15"–24") conform to ASTM D 2241. Series 46 conforms to ASTM D 3034 (4"–15", SDR 35) or ASTM F 679 (18"–24", T-1 Wall Thickness).

Embedment: Install pipe with proper bedding for uniform longitudinal support. To maintain a constant slope and avoid settlement, use well-graded material and make sure compaction is uniform. Provide bell holes at each joint to permit proper assembly. Make sure the bedding and initial backfill are free of particles larger than 1½ inches (¾ inches for pipes 5 inches and smaller in diameter). Allow at least a 4-inch soil cushion around the pipe and accessories.

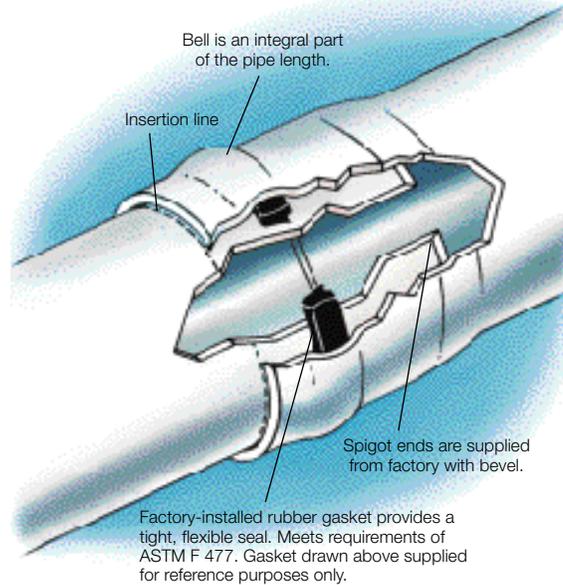
Pipe Assembly: Refer to detailed assembly instructions in PWPipe's Installation Guide. You'll also find assembly instructions printed on pipe labels. Gasketed pipe requires lubricant for assembly. Use only the lubricant supplied with the pipe. Others may affect the pipe or gasket material.

Deflection: Pipe should be installed such that vertical deflection is limited to 7½% of the base inside diameter. To provide good support for the pipe, carefully work embedment material under the haunches of the pipe to compact it. Place initial backfill material to a minimum of 6 inches over the pipe. See PWPipe's Technical Bulletin entitled "Depth of Burial for PVC Pipe" for more details.

PWPipe
**Waterworks
Products**

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PWPipe Gasketed Joint



Solid-Wall Stormdrain: 46 psi Pipe Stiffness

Nominal Pipe Size (inches)	Stiffness Type	Average Outside Diameter (inches)	Base Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approx. Weight 20' Pieces (lbs/100 ft)
4	Series 46	4.215	3.890	0.120	100
6	Series 46	6.275	5.742	0.180	230
8	Series 46	8.400	7.665	0.240	410
10	Series 46	10.500	9.563	0.300	650
12	Series 46	12.500	11.361	0.360	920
15	Series 46	15.300	13.898	0.437	1390
18	Series 46	18.701	16.976	0.536	2090
21	Series 46	22.047	20.004	0.632	2920
24	Series 46	24.803	22.480	0.711	3710

Solid-Wall Stormdrain: 28 psi Pipe Stiffness

Nominal Pipe Size (inches)	Stiffness Type	Average Outside Diameter (inches)	Base Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approx. Weight 20' Pieces (lbs/100 ft)
6	Series 28	6.140	5.671	0.150	190
8	Series 28	8.160	7.512	0.199	340
10	Series 28	10.200	9.371	0.249	530
12	Series 28	12.240	11.230	0.299	760
15	Series 28	15.300	14.033	0.373	1190
18	Series 28	18.701	17.146	0.456	1790
21	Series 28	22.047	20.205	0.538	2500
24	Series 28	24.803	22.706	0.605	3170

Solid-Wall Stormdrain: 14 psi Pipe Stiffness

Nominal Pipe Size (inches)	Stiffness Type	Average Outside Diameter (inches)	Base Inside Diameter (inches)	Minimum Wall Thickness (inches)	Approx. Weight 20' Pieces (lbs/100 ft)
6	Series 14	6.140	5.735	0.120	150
8	Series 14	8.160	7.595	0.160	270
10	Series 14	10.200	9.475	0.200	430
12	Series 14	12.240	11.355	0.240	610
15	Series 14	15.300	14.188	0.300	960
18	Series 14	18.701	17.335	0.367	1450
21	Series 14	22.047	20.430	0.432	2020
24	Series 14	24.803	22.959	0.486	2430

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 ten manufacturing facilities in Oregon, Washington, California, Utah, Arizona and Nebraska assure on-time delivery.



PWPipe

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