

SEWER

PVC SEWER & STORM DRAINAGE PIPE (4" - 15")

NATIONAL PIPE & PLASTICS

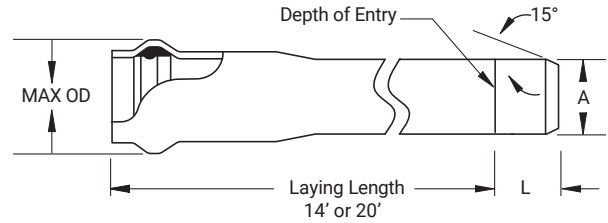
A CRH COMPANY

SCOPE

This submittal designates the general requirements for Unplasticized Polyvinyl Chloride (PVC) Plastic PSM Sewer Pipe from compound with a cell class 12364 or 12454, as defined in ASTM Standard D-1784.

PIPE

Pipe shall meet the requirements of the latest ASTM D-3034 Standard. The pipe shall conform to the requirements of CSA B-182.2, BNQ NQ 3624-130 and NQ 3624-135 Standards as indicated in the table below. If integral gasketed bell ends are provided on the pipe, the pipe joint must meet the requirements of ASTM Standard D-3212, and the sealing gasket must conform to the requirements of ASTM Standard F-477. Pipe in trade size diameters of 4 and 6 inch are available with solvent-weld bells. Pipe is manufactured to a standard laying length of 14 feet. Other lengths available upon request.



ASTM D-3034 Sewer Pipe Size and Dimensions

Nominal Size (in)	Metric (mm)	Dimension Ratio (DR)	Approvals	Min Stiffness (psi)	"A" Average (OD) Outside Diameter	Min. Wall	Max OD Reference	"L" Dimension (Min/Max)
4	100	35	CSA, BNQ	46	4.215	.120	5.050	3.250
		28	CSA, BNQ	91		.151		-
		26	CSA	115		.162		3.500
5	135	28	CSA, BNQ	91	5.640	.201	6.188	3.750 - 4.125
6	150	35	CSA, BNQ	46	6.275	.180	7.305	4.000
		28	CSA, BNQ	91		.224		-
		26	CSA	115		.241		4.375
8	200	35	CSA, BNQ	46	8.400	.240	9.605	4.125
		26	CSA	115		.323		4.375
10	250	35	CSA, BNQ	46	10.500	.300	12.030	5.750
		26	CSA	115		.404		6.000
12	300	35	CSA, BNQ	46	12.500	.360	14.100	5.875
		26	CSA	115		.481		6.125
15	375	35	CSA, BNQ	46	15.300	.437	17.200	6.125
		26	CSA	115		.588		6.375

NOTE: Canadian PVC Sewer Specifications Only.



SEWER

PVC SEWER & STORM DRAINAGE PIPE (18" - 36")

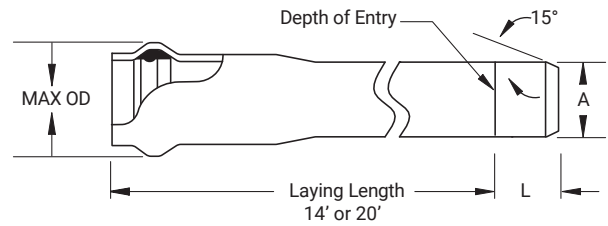
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SCOPE

This submittal designates the general requirements for Unplasticized Polyvinyl Chloride (PVC) Plastic PSM Sewer Pipe from compound with a cell class 12364 or 12454, as defined in ASTM Standard D-1784.

PIPE

Pipe shall meet the requirements of the latest ASTM D-3034 standard. The pipe shall conform to the requirements of CSA B-182.2 and NQ 3624-135 Standards as indicated in the table below. If integral gasketed bell ends are provided on the pipe, the pipe joint must meet the requirements of ASTM Standard D-3212, and the sealing gasket must conform to the requirements of ASTM Standard F-477. Pipe is manufactured to a standard laying length of 14 feet. Other lengths available upon request.



ASTM D-3034 Sewer Pipe Size and Dimensions

Nominal Size (in)	Metric (mm)	Dimensions	Approvals	Min Stiffness (psi)	"A" Average (OD) Outside Diameter	Min. Wall	Max OD Reference	"L" Dimension (Min/Max)
18	450	35	CSA, BNQ	46	18.701	0.499	20.69	8.875
		26	CSA	115		0.671		9.125
21	525	35	CSA, BNQ	46	22.047	0.588	24.26	9.875
		26	CSA	115		0.791		10.125
24	600	35	CSA, BNQ	46	24.803	0.661	27.29	10.875
		26	CSA	115		0.889		11.125
27	675	35		46	27.953	0.745	32.5	10.125
		26		115		1.002		11.125
30	750	35		46	32.000	0.853	37.25	12.625
		26		115		1.148		13.625
36	900	35		46	38.300	1.021	43.25	12.875
		26		115		1.373		13.875
42	1050	35		46	44.500	1.187	53	15.750
		26		115				16.75
48	1200	35		46	50.800	1.355	60	15.875
						1.588		16.875
		26		115		1.822		

NOTE: Canadian PVC Sewer Specifications Only.

