

SEWER

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

NATIONAL PIPE & PLASTICS

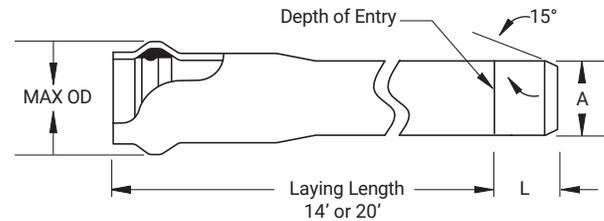
A CRH COMPANY

SCOPE

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

PIPE

Pipe in trade size diameters of 4" through 15" shall meet the requirements of the latest ASTM D-3034 Standard. 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 for sizes 4"-15". 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	ASTM	46	4.215	.120	5.050	3.250
		28	ASTM	91		.151		-
		26	ASTM	115		.162		3.500
5	135	28	ASTM	91	5.640	.201	6.188	3.750 - 4.125
6	150	35	ASTM	46	6.275	.180	7.305	4.000
		28	ASTM	91		.224		-
		26	ASTM	115		.241		4.375
8	200	35	ASTM	46	8.400	.240	9.605	4.125
		26	ASTM	115		.323		4.375
10	250	35	ASTM	46	10.500	.300	12.030	5.750
		26	ASTM	115		.404		6.000
12	300	35	ASTM	46	12.500	.360	14.100	5.875
		26	ASTM	115		.481		6.125
15	375	35	ASTM	46	15.300	.437	17.200	6.125
		26	ASTM	115		.588		6.375

NOTE: Canadian PVC sewer pipe specifications are available upon request. This Engineering submittal specification is for products delivered in the U.S. only.



SEWER

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

NATIONAL PIPE & PLASTICS

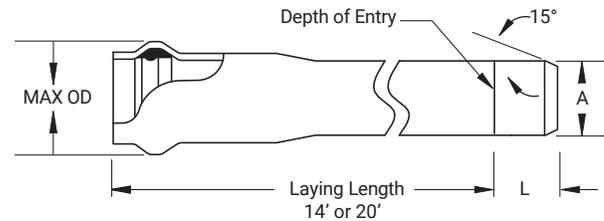
A CRH COMPANY

SCOPE

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

PIPE

Pipe in trade sizes diameter of 18" and above shall meet the requirements of the latest ASTM Standard F-679. If integral gasketed bell ends are provided on the pipe, the pipe joint must meet the requirements of ASTM Standard D-3212. Pipe is manufactured to a standard laying length of 14 feet. Other lengths available upon request.



ASTM F-679 Sewer Pipe Size and Dimensions

Nominal Size (in)	Metric (mm)	Approvals	Min Stiffness (psi)	"A" Average (OD) Outside Diameter	Min. Wall	Max OD Reference	"L" Dimension (Min/Max)
18	450	ASTM	46	18.701	0.499	20.69	8.875
		ASTM	115		0.671		9.125
21	525	ASTM	46	22.047	0.588	24.26	9.875
		ASTM	115		0.791		10.125
24	600	ASTM	46	24.803	0.661	27.29	10.875
		ASTM	115		0.889		11.125
27	675	ASTM	46	27.953	0.745	32.5	10.125
		ASTM	115		1.002		11.125
30	750	ASTM	46	32.000	0.853	37.25	12.625
		ASTM	115		1.148		13.625
36	900	ASTM	46	38.300	1.021	43.25	12.875
		ASTM	115		1.373		13.875

NOTE: This engineering submittal specification is for products delivered in the U.S. only.



SEWER

PVC SEWER & STORM DRAINAGE PIPE (42" - 48")

NATIONAL PIPE & PLASTICS

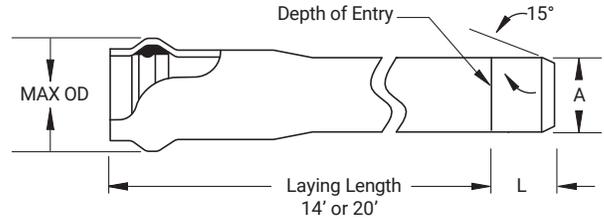
A CRH COMPANY

SCOPE

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

PIPE

Pipe in trade sizes diameter of 18" and above shall meet the requirements of the latest ASTM Standard F-679. If integral gasketed bell ends are provided on the pipe, the pipe joint must meet the requirements of ASTM Standard D-3212. Pipe is manufactured to a standard laying length of 14 feet. Other lengths available upon request.



ASTM F-679 Sewer Pipe Size and Dimensions

Nominal Size (in)	Metric (mm)	Approvals	Min Stiffness (psi)	"A" Average (OD) Outside Diameter	Min. Wall	Max OD Reference	"L" Dimension (Min/Max)
42	1050	ASTM	46	44.500	1.187	53	15.750
		ASTM	75		1.391		-
		ASTM	115		1.596		16.75
48	1200	ASTM	46	50.800	1.355	60	15.875
		ASTM	75		1.588		-
		ASTM	115		1.822		16.875

NOTE: This engineering submittal specification is for products delivered in the U.S. only.

