



Haviland Drainage Products Co.

HAVILAND DRAINAGE PRODUCTS CO.

TECHNICAL DATA SHEET

SMOOTH FLOW PIPE

NOMINAL DIAMETER (I.D.)

	4"	6"	8"	10"	12"	15"	18"	24"	30"	36"	42"	48"	60"
WEIGHT POUNDS PER FOOT	0.495	0.969	1.82	2.34	3.52	5.12	7.25	11.56	15.64	22.8	26.98	32.99	55
INSIDE DIAMETER (NOMINAL)	4"	6"	8"	10"	12"	15"	18"	24"	30"	36"	42"	48"	60"
OUTSIDE DIAMETER (NOMINAL)	4.6"	6.8"	9.5"	11.75"	14.5"	17.5"	21.6"	27.9"	35.5"	41.8"	48.5"	53.5"	67.5"
INNER LINER WALL THICKNESS	MIN. .020"	MIN. .020"	MIN. .025"	MIN. .025"	MIN. .035"	MIN. .035"	MIN. .050"	MIN. .060"	MIN. .060"	MIN. .065"	MIN. .070"	MIN. .070"	MIN. .070"
PIPE STIFFNESS 5% DEFLECTION (MINIMUM)	50 PSI	50 PSI	50 PSI	50 PSI	50 PSI	42 PSI	40 PSI	34 PSI	28 PSI	22 PSI	20 PSI	18 PSI	14 PSI
WATER INLET AREA (PERFORATED PIPE) (MINIMUM)	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.5 SQ. IN/FT	1.5 SQ. IN/FT	1.5 SQ. IN/FT	2.0 SQ. IN/FT	2.0 SQ. IN/FT	N/A	N/A	N/A	N/A
MARKINGS	DPI 4" 100 MM HEAVY DUTY ASTM F405 AASHTO M252 DATE CODE	DPI 6" 150 MM HEAVY DUTY ASTM F405 AASHTO M252 DATE CODE	DPI 8" 200 MM HEAVY DUTY ASTM F667 AASHTO M252 DATE CODE	DPI 10" 250 MM HEAVY DUTY ASTM F667 AASHTO M252 DATE CODE	DPI 12" 300 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 15" 375 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 18" 450 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 24" 600 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 30" 750 MM HEAVY DUTY AASHTO M294 DATE CODE	DPI 36" 900 MM HEAVY DUTY AASHTO M294 DATE CODE	DPI 42" 1050 MM HEAVY DUTY AASHTO M294 DATE CODE	DPI 48" 1200 MM HEAVY DUTY AASHTO M294 DATE CODE	DPI 60" 1500MM HEAVY DUTY AASHTO M294 DATE CODE

REGULAR CORRUGATED PIPE

NOMINAL DIAMETER (I.D.)

	2"	3"	4"	5"	6"	8"	10"	12"	15"	18"	24"
WEIGHT POUNDS PER FOOT	0.147	0.213	0.34	0.495	0.76	1.28	1.80	2.97	4.23	5.89	10.68
INSIDE DIAMETER (NOMINAL)	2"	3"	4"	5"	6"	8"	10"	12"	15"	18"	24"
OUTSIDE DIAMETER (NOMINAL)	2.45"	3.5"	4.6"	5.7"	6.8"	9.5"	11.75"	14.5"	17.5"	21.6"	27.9"
WALL THICKNESS (NOMINAL)	.025"	.030"	.033"	.035"	.040"	.042"	.045"	.075"	.090"	.100"	.110"
PIPE STIFFNESS 5% DEFLECTION (MINIMUM)	35 PSI	35 PSI	35 PSI	35 PSI	35 PSI	35 PSI	35 PSI	50 PSI	42 PSI	40 PSI	34 PSI
WATER INLET AREA (PERFORATED PIPE) (MINIMUM)	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.0 SQ. IN/FT	1.5 SQ. IN/FT	1.5 SQ. IN/FT	1.5 SQ. IN/FT	2.0 SQ. IN/FT
MARKINGS	N/A	DPI 3" 75 MM HEAVY DUTY ASTM F405 AASHTO M252 DATE CODE	DPI 4" 100 MM HEAVY DUTY ASTM F405 AASHTO M252 DATE CODE	DPI 5" 125 MM HEAVY DUTY ASTM F405 AASHTO M252 DATE CODE	DPI 6" 150 MM HEAVY DUTY ASTM F405 AASHTO M252 DATE CODE	DPI 8" 200 MM HEAVY DUTY ASTM F667 AASHTO M252 DATE CODE	DPI 10" 250 MM HEAVY DUTY ASTM F667 AASHTO M252 DATE CODE	DPI 12" 300 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 15" 375 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 18" 450 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE	DPI 24" 600 MM HEAVY DUTY ASTM F667 AASHTO M294 DATE CODE

ANY OF THE LISTED SPECIFICATIONS MAY CHANGE AT ANY TIME, WITHOUT NOTICE. PLEASE CALL WITH ANY QUESTIONS.



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