DRAIN MAX

R-74, R-76, R-78 | SHEET DRAIN

PRODUCT DESCRIPTION

DrainMax Sheet Drain products are designed to control below grade water. Constructed with a moderate strength core and a nonwoven filter fabric on one side, DrainMax Sheet Drain products provide a continuous channel for water flow between structural walls or slabs. DrainMax Sheet Drains work with DrainMax Strip Drains to provide a complete drainage system for below grade water management.

Drainmax R-74 is available in 4' x 50' Rolls Drainmax R-76 is available in 6' x 65.6' Rolls Drainmax R-78 is available in 8' x 65.6' Rolls





TECHNICAL DATA - Typical Value			R-74	R-76	R-78
Physical Properties	ASTM Test Method	Unit of Measure	Typical Value	Typical Value	Typical Value
GEOTEXTILE FABRIC	·				
Material ¹			PP	PP	PP
Water Flow Rate	D 4491	gpm/ft ²	165	150	150
		Lpm/m ²	6,724	6,113	6,113
Grab Tensile Strength	D 4632	lbs	100	115	115
		N	445	512	512
CBR Puncture Strength	D 6241	lbs	275	320	320
		kN	1.22	1.41	1.41
Apparent Opening Size	D 4751	sieve	70	70	70
		mm	.21	0.21	0.21
Permittivity	D 4491	sec ⁻¹	2.4	2.4	2.4
Grab Elongation	D 4632	%	65	70	70
UV Resistance	D 4355	% / 500 Hrs	70	70	70
CORE					
Material ¹			HIPS	PP	PP
Thickness	D 1777	in	.25	.315	.315
		mm	6.35	8	8
Compressive Strength	D 1621	psf	9,000	7,000	7,000
		kPa	431	335	335
In-Plane Flow Rate	D 4716	gpm/ft	12.5	12.5	12.5
		Lpm/m	155	155	155
ROLL SIZE			4' x 50'	6' x 65.6'	8' x 65.6'

1- PP = Polypropylene; HIPS = High Impact Polystyrene

2 - In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

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