A Subsidiary of Garland Industries

Drain Max® R-74/R-76/R-78

Sheet Drain

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
FABRIC					
Material [1]			PP	PP	PP
Water Flow Rate	D 4491	gpm/ft^2	190	150	150
		Lpm/m^2	7,743	6,113	6,113
Grab Tensile Strength	D 4632	lbs	90	115	115
		N	400	512	512
CBR Puncture Strength	D 6241	lbs	225	320	320
		kN	1.00	1.41	1.41
Apparent Opening Size	D 4751	sieve	50	70	70
		mm	.297	0.21	0.21
Permittivity	D 4491	sec^{-1}	2.8	2.2	2.2
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
Flow Rate [2]	D 4716	gpm/ft	12.5	12.5	12.5
		Lpm/m	155	155	155
ROLL SIZE			4' x 50'	6' x 50'	8' x 50'

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.

All technical information contained in this document is accurate as of time of publishing. GMX, Inc. reserves the right to make changes to products and literature without notice. Please refer to our website for the most current technical information available. Unless otherwise stated, all physical and performance properties listed are Typical Values as defined in ASTM D 4439.