

HYDRAWAY COMPARISON

PRODUCT	TEST METHOD	HYDRAWAY 2000	ADVAN-EDGE	MULTI-FLOW	ENKADRAIN	J DRAIN	AKWA DRAIN
CORE MATERIAL	-	HDPE	HDPE	HDPE	HDPE	Polystyrene	Polystyrene
COMPRESSIVE STRENGTH (PSF)	ASTM D-1621	11,400	3,000	6,000	1,000	7,858***	6,000
% OPEN SPACE	-	85%	10.4%	3.9%**	Not published	54%	55%
OPEN ON BOTH SIDES?	-	Yes	No	No	N/A	Yes	Yes
FLOW RATE (GPM / FT)	ASTM D4716	21	17	29	5.0	30	21
SIZE (IN)	-	12 x 1	12 x 1	12 x 1	12 x 1	12 x 1	12 x 1
GEO-TEXTILE FILTER							
WEIGHT (OZ/SQ YD)	-	4.8	3.4	4.0	3.54	Unknown	Unknown
GRAB TENSILE STRENGTH (LBS)	ASTM D-4632	120	120	100	125	100	145
GRAB ELONGATION	ASTM D-4632	50%	60%	50%	40%	Unknown	60%
PUNCTURE STRENGTH (LBS)	ASTM D-4833	65	30	50	35	65	50
MULLEN BURST (PSI)	ASTM D-3786	225	90	200	160	210	150
TRAPEZOIDAL TEAR (LBS)	ASTM D-4533	50	40	42	40	Unknown	70
UV RESISTANCE	ASTM D-4355	70%	70%	70%	Unknown	70%	70%
APPARENT OPENING SIZE (AOS)	ASTM D-4751	70	60	70	45	70	80
PERMITTIVITY (SECOND)	ASTM D-4491 3	1.8	0.7	1.8	2.5	Unknown	1.0
PERMEABILITY (CM / SEC)	ASTM D-4491 4	0.21	Unknown	0.1	Unknown	Unknown	0.4
WATER FLOW RATE	ASTM D-4491	135	Unknown	100	185	140	80
BOND TO CORE METHOD	-	Heat Fusion	Not bonded	Not bonded	Glue	Glue	Glue

All information is gathered directly from each manufactures published data sheets posted on the respective web sites

Estimate based on measurement of an independent engineer. *Based on actual 3rd party testing. Test result available upon request