

# 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