

SportsEdge® HQ Comparison to ADS, J Drain and Multi-Flow Drain Systems

Product Comparison

Properties	Test Method	Advan-Edge	Multi-Flow	J Drain	Sportsedge® HQ
Core Material		HDPE	HDPE	HIPS	HIPS
Compressive Strength	ASTM D-1621	3,000 PSF	6,000 PSF	9,500	9,000
Percent of open space to allow for water "In-Flow"	Percent of open space to allow for water "In-Flow"	10.4%	Not Published	54.20%	55.0%
Flow Rate (GPM / ft. width)	ASTM D-4716	17	29	30	21
Size compared		12" x 1"	12" x 1"	12" x 1"	12" x 1"
Geo-Textile Filter					
Properties		ADS	Multi-Flow	J Drain	Sportsedge
Weight (oz/sq yd)		3.4 oz	4.0 oz		Typar 4.0 oz.
Grab Tensile Strength	ASTM D-4632	120 lbs.	100 lbs	100 lbs.	145lbs
Grab Elongation	ASTM D-4632	60%	50%		60%
Puncture Strength	ASTM D-4833	30 lbs.	50 lbs	65 lbs.	50lbs
Mullen Burst	ASTM D-3786	90 psi	200 psi	210 psi	150
Trapezoidal Tear	ASTM D-4533	40 lbs.	42 lbs		70lbs
UV Resistance	ASTM D-4355	70%	70%	70%	70%
Apparent Opening Size (AOS)	ASTM D-4751	60	70	70	80
Permittivity	ASTM D-4491 3	0.7sec	1.8sec		1.0sec
Permeability	ASTM D-4491 4	unknown	0.1 cm/sec		0.04cm/sec
Water Flow Rate	ASTM D-4491	unknown	100	140	80
Bonded to Core Method		Not Bonded	Not Bonded	Glue	Glue Bonded

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