

SportsEdge® HQ to Advan-Edge Drain System

Product Comparison

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

This information was gathered directly from each manufacturer's published data sheets posted on the respective web sites.