



■ FX™ Woven Geotextiles – “Slit Film” Series

100% Polypropylene Slit Film Separation / Stabilization / Reinforcement / Sediment Control Fabrics

English Values

PROPERTY	TEST METHOD	UNITS	Separation / Stabilization			Reinforcement		Silt Fence		
			FX™-22	FX™-44	FX™-55	FX™-66	FX™-77	FX™-7	FX™-11	FX™-11M
<input type="checkbox"/> Mechanical										
Grab Tensile	ASTM D 4632	lbs	110 x 80	135	200	315	490	75 x 40	125 x 101	150 x 100
Grab Tensile Elongation		%	15%	15%	15%	15%	20%	10%	15 x 12%	15%
Wide Width Tensile	ASTM D 4595	lbs/in		70	120	175 x 200	300 x 350			
Wide Width Elongation		lbs/ft	n/a	840	1440	2100 x 2400	3600 x 4200	n/a	n/a	n/a
Mullen Burst	ASTM D 3786	psi	220	265	445	650	850	160	265	350
Puncture	ASTM D 4833	lbs	n/a	70	100	125	225	25	65	60
Trapezoidal Tear	ASTM D 4533	lbs	45 x 35	45	75	120	175	35 x 15	50 x 40	50 x 40
<input type="checkbox"/> Endurance										
UV Resistance	ASTM D 4355	%	90%	90%	90%	90%	90%	90%	90%	90%
<input type="checkbox"/> Hydraulics / Filtration										
Apparent Opening Size (AOS)	ASTM D 4751	US Std Sieve	50	40	40	70	35-50	16	30	40
Percent Open Area	CW-02215	%	< 1%	< 1%	< 1%	< 1%	< 1%	n/a	n/a	0.90
Permittivity	ASTM D 4491	sec ⁻¹	0.02	0.08	0.07	0.06	0.09	0.70	.07	.040
Permeability		cm/sec	.001	.004	.004	.003	n/a	.020	n/a	n/a
Flow Rate		gpm/ft ²	2	6	6	5	7	50	6	75
<input type="checkbox"/> Physical / Dimensional										
Mass Per Unit Area	ASTM D 5261	oz/yd ²	2.8	3.2	4.5	6.5	7.8	2.4	3.0	4.0

Unless otherwise noted, all properties reported are Minimum Average Roll Values (MARV), and are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any sample taken during quality assurance testing will exceed the value reported.

The properties reported above are effective 10/27/03 and are subject to change without notice.

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