



EPILAY™ WOVEN WEED BARRIER FABRIC SPECIFICATIONS

PROPERTY	TEST METHOD	UNIT	3.2 oz Woven Ground Cover	3 oz. Woven Ground Cover	3 oz Woven Ground Cover Circular looms	5 oz. Woven Capped Ground Cover	4.1 oz Woven Capped Ground Cover
MECHENICAL			Warp x Weft	Warp x Weft	warp x weft	Warp x Weft	Warp x Weft
GRAB TENSILE STRENGTH	ASTM D 4632	lbs	145 x 110	130 x 100	135 x 105	95 x 80	80 x 60
GRAB TENSILE ELONGATION	ASTM D 4632	%	Min 15%	Min 15%	Min 15%	Min 12%	Min 12 %
MULLEN BURST	ASTM D 3786	psi	295 psi	275 psi	300 psi	280	230
TRAPEZOIDAL TEAR	ASTM D 4533	lbs	65 x 55	55 x 48	60 x 53	50 x 40	35 x 30
PUNCTURE STRENGTH	ASTM D 4833	lbs	62	50	53	58	48
ENDURANCE							
UV RESISTANCE , % RETAINED	ASTM D 4355	% hrs	70% after 2500 hrs	70% after 2500 hrs	70% after 2500 hrs	70% after 2500 hrs	70% after 2500 hrs
HYDRAULICS/ FILTRATIONS							
WATER FLOW RATE	ASTM D 4491	gpl/sq.ft ²	Min 5 gpl/sq.ft ²	Min 5 gpl/sq.ft ²	Min 4 gpl/sq.ft ²	min 12 gpl/sq.ft ²	min 12 gpl/sq.ft ²
PERMITIVITY	ASTM D 4491	sec ⁻¹	0.1	0.1	0.1	Not Applicable	Not Applicable
APPERNET OPENING SIZE (AOS)	ASTM D 4751	U.S Sieve (mm)	30 US Sieve	30 US Sieve	30 US Sieve	Not Applicable	Not Applicable
PHYSICAL							
STANDARD ROLL SIZES			width - 3' to 17' Length - As required		width -3' to 12' Length- As required	width 3' to 12' Length upto 2100'	