



## EPILAY™ WOVEN GEOTEXTILE & SILT FENCE SPECIFICATIONS

PROPERTY	TEST METHOD	UNIT	Epilay 200 lb	Epilay 250 lb	Epilay 315 lb	Epilay 70 gsm Silt Fence
<b>MECHANICAL</b>						
GRAB TENSILE STRENGTH	ASTM D 4632	lbs	200 lbs	250lbs	315 lbs	90 X 90
GRAB TENSILE ELONGATION	ASTM D 4632	%	Min 15%	Min 15%	Min 15%	min 15 %
MULLEN BURST	ASTM D 3786	psi	450 psi	555 psi	745 psi	200 psi
TRAPEZOIDAL TEAR	ASTM D 4533	lbs	90 lbs	89 lbs	120 lbs	45lbs
CBR PUNCTURE STRENGTH	ASTM D 6241	lbs	675 lbs	750 lbs	950 lbs	40 lbs
<b>ENDURANCE</b>						
UV RESISTANCE , % RETAINED	ASTM D 4355	% hrs	70% after 500 hrs	70% after 500 hrs	70% after 500 hrs	70% after 2500 hrs
<b>HYDRAULICS/ FILTRATIONS</b>						
WATER FLOW RATE	ASTM D 4491	gpl/sq.ft <sup>2</sup>	4.5 gpl/sq.ft <sup>2</sup>	4.5 gpl/sq.ft <sup>2</sup>	4.5 gpl/sq.ft <sup>2</sup>	Min 10/gpl/min/ft
PERMITIVITY	ASTM D 4491	sec <sup>-1</sup>	0.05	0.05	0.05	0.05
APPERNET OPENING SIZE (AOS)	ASTM D 4751	U.S Sieve (mm)	40 US Sieve	40 US Sieve	40 US Sieve	40 US Sieve
<b>PHYSICAL</b>						
STANDARD ROLL SIZES			12.5 FT X 432FT 15 FT X 360 FT 17.5 FT X 258 FT	12.5 x 432 17.5 x 309	12.5 FT X 360 FT 15 FT X 300 FT	3ft & 4 ft width Length as required