

# ProPex<sup>®</sup> Woven Geotextiles

PROPERTIES <sup>1</sup>	TEST METHOD	UNITS	1198	1199	2000	2002	2004	2006	2016	2019	2044									
<b>PHYSICAL</b>																				
Grab Tensile Strength <sup>2</sup>	ASTM D 4632	lb	300/200	370/250	140	200	250	315	315	350/250	600/500									
Grab Tensile Elongation <sup>2</sup>	ASTM D 4632	%	15	16	15	15	15	15			15									
Wide Width Tensile	ASTM D 4595	lb/ft	N/A	N/A	N/A	N/A	N/A	2100	2400	N/A	4800									
Wide Width Elongation <sup>2</sup>	ASTM D 4595	%	N/A	N/A	N/A	N/A	N/A	15/8	12/8	N/A	10/8									
Mullen Burst	ASTM D 3786	psi	450	480	325	400	500	600			1350									
Puncture	ASTM D 4833	lb	120	120	65	95	110	145	140	140	180									
Trapezoid Tear	ASTM D 4533	lb	65	100/60	55	75	90	120	125	100	250									
UV Resistance <sup>3</sup>	ASTM D 4355	% @ _hr	90@500	90@500	70@500	70@500	70@500	70@500	80@500	90@500	80@500									
<b>HYDRAULIC</b>																				
Apparent Opening Size (AOS) <sup>5</sup>	ASTM D 4751	US Sieve	40	70	30	40	40	40	40	70	30									
Permittivity	ASTM D 4491	sec <sup>-1</sup>	0.50	0.28	0.05	0.05	0.05	0.05	0.70	0.28	0.15									
Flow Rate	ASTM D 4491	gal/min/ft <sup>2</sup>	35	18	4	4	4	4	50	18	10									
<b>PACKAGING</b>																				
Roll Width		ft	6.25	12	6	12	12.5	17.5	12.5	15	17.5	12.5	17.5	12.5	15	17.5	15	15	12.5	15
Roll Length		ft	634	330	450	225	504	360	504	420	360	360	258	360	300	258	300	300	216	180
Gross Weight <sup>4</sup>		lb	205	150	180	250	248	272	260	262	293									
Area		yd <sup>2</sup>	440	300	700	700	700	700	700	500	501	500	500	501	500	500	300			
<b>SUGGESTED APPLICATIONS</b>																				
Separation						X	X	X	X	X	X									
Stabilization							X	X	X	X	X									
Reinforcement									X	X	X									
Erosion Control/Drainage			X	X					X	X										
<b>MINIMUM AVERAGE ROLL VALUES</b>																				

N/A -Not Applicable

- Physical and hydraulic properties reported as minimum average roll values (MARV).
- Machine direction / cross-machine direction.
- Percent grab tensile strength retained per hours of UV exposure following conditioning in accordance with ASTM-D-4355.
- Gross weights are approximate.
- AOS reported as maximum average value.

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