

# WATERSAVER COMPANY, INC.

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## NONWOVEN GEOTEXTILES - ENGLISH VALUES

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PROPERTY	TEST METHOD	UNITS	VALUE	4.5oz	6oz	8oz	10oz	12oz	16oz
<b>MECHANICAL</b>									
Grab Tensile Strength	ASTM D-4632	lbs	Typical	135	185	230	275	340	410
			MARV	120	160	205	250	300	380
Grab Elongation	ASTM D-4632	%	Typical	60	60	60	60	60	60
			MARV	50	50	50	50	50	50
Puncture Strength	ASTM D-4833	lbs	Typical	75	105	120	175	200	275
			MARV	65	85	105	150	175	240
Mullen Burst	ASTM D-3786	psi	Typical	270	320	390	530	640	840
			MARV	230	280	350	460	580	750
Trapezoidal Tear	ASTM D-4533	lbs	Typical	60	70	95	120	135	165
			MARV	50	60	85	100	115	145
<b>HYDRAULIC</b>									
Apparent Opening Size (AOS)	ASTM D-4751	US Sieve mm	Typical	100	100	100	140	140	140
			MARV	70	70	80	100	100	100
Permittivity	ASTM D-4491	sec <sup>-1</sup>	Typical	2.20	1.80	1.80	1.50	1.30	1.00
			MARV	1.50	1.30	1.50	1.20	1.00	0.70
Permeability	ASTM D-4491	cm/sec	Typical	0.29	0.32	0.48	0.40	0.40	0.39
			MARV	0.22	0.24	0.38	0.30	0.29	0.27
Water Flow Rate	ASTM D-4491	gpm/ft <sup>2</sup>	Typical	135	120	120	110	90	70
			MARV	120	110	110	85	75	50
<b>ENDURANCE</b>									
UV Resistance	ASTM D-4355	%Retained @ 500 hrs	MARV	70	70	70	70	70	70
<b>STANDARD PACKAGING</b>									
Roll Width	Measured	feet	Typical	12.5/15.0	12.5/15.0	15.0	15.0	15.0	15.0
Roll Length	Measured	feet	Typical	360	300	300	300	300	300
Roll Area	Calculated	yd <sup>2</sup>	Typical	500/600	416.67/500	500	500	500	500

NOTES: ○ Values reported in weaker principle direction.

○ "MARV" indicates minimum average roll value 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.