

## geotextiles • non-wovens

Property	Test Method	Unit	200R	270R	300R	360R
Weight (Typical)	ASTM D5261	g/m <sup>2</sup>	119	136	153	203
Grab Tensile Strength	ASTM D4632	N	401	445	533	711
Elongation	ASTM D4632	%	45-105	45-105	45-105	45-105
Trapezoid Tear	ASTM D4533	N	178	222	222	289
Puncture Resistance	ASTM D4833	N	267	289	311	400
Mullen Burst	ASTM D3786	kPa	1275	1481	1654	2170
Permittivity <sup>1</sup>	ASTM D4491	sec <sup>-1</sup>	2.2	2.0	1.8	1.6
Water Flow Rate <sup>1</sup>	ASTM D4491	l/min/m <sup>2</sup>	6095	5689	4885	4480
Apparent Opening Size (A.O.S.) <sup>1</sup>	ASTM D4751	mm (Max ARV)	0.300	0.212	0.212	0.212
UV Stability	ASTM D4355	% @ 500h	70	70	70	70

Property	Test Method	Unit	400R	420R	600R	800R	1200R
Weight (Typical)	ASTM D5261	g/m <sup>2</sup>	237	271	339	407	542
Grab Tensile Strength	ASTM D4632	N	800	911	1110	1330	1690
Elongation	ASTM D4632	%	45-105	45-105	45-105	45-105	45-105
Trapezoid Tear	ASTM D4533	N	333	378	444	511	644
Puncture Resistance	ASTM D4833	N	467	578	711	800	1070
Mullen Burst	ASTM D3786	kPa	2412	2756	3583	4134	5168
Permittivity <sup>1</sup>	ASTM D4491	sec <sup>-1</sup>	1.5	1.4	1.2	1.0	0.7
Water Flow Rate <sup>1</sup>	ASTM D4491	l/min/m <sup>2</sup>	4074	3657	3251	3055	2035
Apparent Opening Size (A.O.S.) <sup>1</sup>	ASTM D4751	mm (Max ARV)	0.212	0.180	0.150	0.150	0.150
UV Stability	ASTM D4355	% @ 500h	70	70	70	70	70

Please call us for higher Grab Tensile Strength geotextiles

## geotextiles • wovens

Property	Test Method	Unit	24-15	200W	400W
Weight (Typical)	ASTM D5261	g/m <sup>2</sup>	136	170	214
Grab Tensile Strength	ASTM D4632	N	889	1100	1400
Elongation	ASTM D4632	%	15	15	15
Trapezoid Tear	ASTM D4533	N	333	400	533
Puncture Resistance	ASTM D4833	N	400	444	533
Permittivity <sup>1</sup>	ASTM D4491	sec <sup>-1</sup>	0.05	0.05	0.05
Water Flow Rate <sup>1</sup>	ASTM D4491	l/min/m <sup>2</sup>	203	163	163
Apparent Opening Size (A.O.S.) <sup>1</sup>	ASTM D4751	mm	0.300	0.425	0.425
UV Stability	ASTM D4355	% @ 500h	70	70	70

<sup>1</sup> At time of manufacturing. Handling, storage and shipping may change these properties.

\*All the values are MARV except where specified. All information and guidelines in this material is given in good faith but without warranty, expressed or implied with respect to the quality or fitness of the products referred to herein for any particular purpose. Recommendations made herein refer to general use of geotextiles. When non-standard conditions exist the company reserves the right to be consulted prior to application.



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