

## NON-WOVEN

Non-Woven needle punched Geotextiles offer excellent water flow properties for drainage and other applications.

**Polymer Type:** Polypropylene | **Construction:** Needled Punched and Heat Set

Property	Test Method	Unit	CC4	CC6	CC7	CC8	CC10	CC12
Tensile Strength	ASTM D4632	N	470	710	800	912	1110	1340
Trapezoidal Tear	ASTM D4533	N	200	270	330	360	450	510
Puncture Strength	ASTM D4833	N	290	380	450	490	670	780
Mullen Burst	ASTM D3786	kPa	1445	1930	2275	2410	3170	3995
Elongation	ASTM D4632	%	50	50	50	50	50	50
AOS	ASTM D4751	mm	0.212	0.212	0.212	0.180	0.150	0.150
Permittivity	ASTM D4491	sec <sup>-1</sup>	2.00	1.30	1.50	1.40	1.20	0.90
Flow Rate	ASTM D4491	l/min/m <sup>2</sup>	5700	4480	4074	4480	3251	2648
UV Resistance %	ASTM D4355	500 hrs	70	70	70	70	70	70
Roll Dimensions*		m	4.6 x 110	4.6 x 110	4.6 x 91.5	4.6 x 91.5	4.6 x 91.5	4.6 x 91.5
Roll Area		m <sup>2</sup>	506	506	421	421	421	421
Roll Weight		kg	84	102	113	118	147.4	181.4

Contact us for higher Grab Tensile Strength Geotextiles.

## WOVEN

Woven Geotextiles are used for subgrade stabilization and other applications requiring strength.

**Polymer Type:** Polypropylene | **Construction:** Woven

Property	Test Method	Unit	CC200	CC250	CC315
Tensile Strength	ASTM D4632	N	890	1110	1400
Trapezoidal Tear	ASTM D4533	N	330	400	510
Puncture Strength	ASTM D4833	N	420	450	530
Mullen Burst	ASTM D3786	kPa	2758	3447	4343
Elongation	ASTM D4632	%	15	15	15
AOS	ASTM D4751	mm	0.425	0.600	0.425
Permittivity	ASTM D4491	sec <sup>-1</sup>	0.05	0.05	0.05
Flow Rate	ASTM D4491	l/min/m <sup>2</sup>	160	160	160
UV Resistance %	ASTM D4355	500 hrs	70	70	70
Roll Dimensions*		m	4.6 x 110	4.6 x 110	4.6 x 91.4
Roll Area		m <sup>2</sup>	506	506	421
Roll Weight		kg	95.3	104	100.6

Handling, storage and shipping may change these properties.

All 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.

\*Other roll sizes are available.

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Tensile Strength	ASTM D4632	lb	105	160	180	205	250	300
Trapezoidal Tear	ASTM D4533	lb	45	60	75	80	100	115
Puncture Strength	ASTM D4833	lb	65	85	100	110	150	175
Mullen Burst	ASTM D3786	psi	210	280	330	350	460	580
Elongation	ASTM D4632	%	50	50	50	50	50	50
AOS	ASTM D4751	sieve	70	70	70	80	100	100
Permittivity	ASTM D4491	sec <sup>-1</sup>	2.00	1.30	1.50	1.50	1.20	0.90
Flow Rate	ASTM D4491	g/min/ft <sup>2</sup>	140	110	100	110	80	65
UV Resistance %	ASTM D4355	500 hrs	70	70	70	70	70	70
Roll Dimensions*		ft	15 x 360	15 x 300	15 x 300	15 x 300	15 x 300	15 x 300
Roll Area		ft <sup>2</sup>	5400	4500	4500	4500	4500	4500
Roll Weight		lb	185	225	250	280	325	400

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Tensile Strength	ASTM D4632	lb	200	250	315
Trapezoidal Tear	ASTM D4533	lb	75	90	115
Puncture Strength	ASTM D4833	lb	95	100	120
Mullen Burst	ASTM D3786	psi	400	500	630
Elongation	ASTM D4632	%	15	15	15
AOS	ASTM D4751	sieve	40	40	40
Permittivity	ASTM D4491	sec <sup>-1</sup>	0.05	0.05	0.05
Flow Rate	ASTM D4491	g/min/ft <sup>2</sup>	4.0	4.0	4.0
UV Resistance %	ASTM D4355	500 hrs	70	70	70
Roll Dimensions*		ft	15 x 360	15 x 360	15 x 300
Roll Area		ft <sup>2</sup>	5400	5400	4500
Roll Weight		lb	210.0	230.0	221.7

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