

Canada Culvert is proud to offer the Green Geotextile. This 'Green' product is an environmentally responsible construction product using a high percentage post consumer content which reduces green house gas emissions, energy, water and material consumption while reducing pollution. Every truckload of 'Green' Geotextile saves 300,000 bottles from a landfill. This product qualifies for LEED® credits. ASK US HOW!

NON-WOVEN

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

Polymer Type: Rewettable Polyester (100% Post-Consumer Content) | **Construction:** Needle Punched

Property	Test Method	Unit	CC4G	CC6G	CC8G	CC12G
Tensile Strength	ASTM D4632	N	445	710	890	1335
Trapezoidal Tear	ASTM D4533	N	200	270	360	510
Puncture Strength	ASTM D4833	N	290	380	490	780
Mullen Burst	ASTM D3786	kPa	1445	1930	2410	3995
Elongation	ASTM D4632	%	50	50	50	50
AOS	ASTM D4751	mm	0.212	0.212	0.180	0.150
Permittivity	ASTM D4491	sec ⁻¹	2.00	1.70	1.50	1.00
Flow Rate	ASTM D4491	l/min/m ²	5700	4480	4480	2648
UV Resistance	ASTM D4355	500 hrs	70	70	70	70
Roll Dimensions		m	4.6 x 122	4.6 x 110	4.6 x 91.4	4.6 x 91.4

WOVEN

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

Polymer Type: Polyester/Polypropylene (60%-65% Post Consumer Content) | **Construction:** Woven

Property	Test Method	Unit	CC200G	CC315G
Tensile Strength	ASTM D4632	N	800	1400
Trapezoidal Tear	ASTM D4533	N	330	510
Puncture Strength	ASTM D4833	N	400	555
Mullen Burst	ASTM D3786	kPa	2756	4343
Elongation	ASTM D4632	%	18 - 28	17 - 27
AOS	ASTM D4751	mm	0.300	0.235
Permittivity	ASTM D4491	sec ⁻¹	0.400	0.175
Flow Rate	ASTM D4491	l/min/m ²	1222	509
UV Resistance	ASTM D4355	500 hrs	70	70
Roll Dimensions		m	4.6 x 110	4.6 x 110

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.

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Property	Test Method	Unit	CC4G	CC6G	CC8G	CC12G
Tensile Strength	ASTM D4632	lb	100	160	200	300
Trapezoidal Tear	ASTM D4533	lb	45	60	85	115
Puncture Strength	ASTM D4833	lb	65	85	110	175
Mullen Burst	ASTM D3786	psi	210	280	350	580
Elongation	ASTM D4632	%	50	50	50	50
AOS	ASTM D4751	sieve	70	70	80	100
Permittivity	ASTM D4491	sec ⁻¹	2.0	1.7	1.5	1.0
Flow Rate	ASTM D4491	g/min/ft ²	140	110	110	75
UV Resistance	ASTM D4355	500 hrs	70	70	70	70
Roll Dimensions		ft	15 x 400	15 x 360	15 x 300	15 x 300

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Property	Test Method	Unit	CC200G	CC315G
Tensile Strength	ASTM D4632	lb	200	315
Trapezoidal Tear	ASTM D4533	lb	75	115
Puncture Strength	ASTM D4833	lb	75	120
Mullen Burst	ASTM D3786	psi	425	630
Elongation	ASTM D4632	%	18 - 28	17 - 27
AOS	ASTM D4751	sieve	58	60
Permittivity	ASTM D4491	sec ⁻¹	0.400	0.175
Flow Rate	ASTM D4491	g/min/ft ²	30	12.5
UV Resistance	ASTM D4355	500 hrs	70	70
Roll Dimensions		ft	15 x 400	15 x 400

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