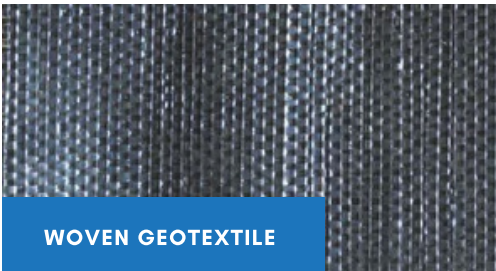




Ontario Agra is proud to provide the containment and erosion control industries with the highest quality geotextiles available for drainage filtration, soil separation and reinforcement needs. Available in varying strength and thicknesses, our geotextiles help improve the performance of environmental engineering, civil engineering, and construction projects. They work to restrict soil particles while allowing liquid and gases to easily pass through, providing the perfect balance of functionality for a wide range of applications and needs.

OUR PRODUCTS:



Woven Geotextile

- Made of polypropylene materials.
- High tensile strength and durability.
- Easy to install.

Benefits:

- Cost-effective environmental alternative to traditional construction materials.
- Reduces required aggregate thickness in unpaved roads.
- Extends road and railway life.
- Speed-up construction with short-term reinforcement of the base.
- Offers optimum performance when used in stabilization applications.

Used for:

- Soil separation in road construction
- Sub-grade stabilization
- Railroad stabilization
- Filtration
- Erosion & sediment control in embankment construction - Protection of geomembrane liners
- Sub-surface drainage
- Containment
- Temporary liners
- Turbidity curtains & silt fence
- Covers & tarps



Non-Woven Geotextile

- Needle-punched.
- Made of 100% polypropylene staple fibers formed into a random network for dimensional stability.
- Has excellent chemical compatibility.
- Resistant to UV deterioration, rotting, biological degradation, naturally encountered basics, and acids.
- Easy to install.

Benefits:

- Provides long-term strength and durability performance.
- Extends road and railway life.
- Cost-effective environmental alternative to traditional construction materials.
- Prevents soil erosion.

Used for:

- Shoreline protection
- Roadway separation
- Railroad stabilization
- Subsurface drainage
- Containment
- Gas venting
- Under riprap or around pipes
- Soil separation
- Filtration
- Erosion & sediment control
- Sub-grade stabilization
- Protection of geomembrane liners



Woven Geotextile

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

Non-Woven Geotextile

Property	Test Method	Unit	200R	270R	360R	420R
Weight	ASTM D5261	g/m ²	119	140	210	271
Grab Tensile Strength	ASTM D4632	N	401	445	712	911
Grab Elongation	ASTM D4632	%	50-105	50-105	50-105	50-105
Tear Resistance	ASTM D4533	N	170	200	267	356
Puncture CBR ¹	ASTM D6241	N	1180	1320	1820	2380
Permittivity	ASTM D4491	sec ⁻¹	2.00	2.00	1.50	1.35
Water Flow	ASTM D4491	l/min/m ²	6095	5689	4480	3657
Apparent Opening Size (A.O.S.)	ASTM D4751	mm	0.300	0.300	0.212	0.212
U.V. Resistance	ASTM D4355	% @ 500h	70	70	70	70

Property	Test Method	Unit	600R	800R	1200R	370RS
Weight	ASTM D5261	g/m ²	340	395	542	445
Grab Tensile Strength	ASTM D4632	N	1110	1330	1690	1000
Grab Elongation	ASTM D4632	%	50-105	50-105	50-105	50
Tear Resistance	ASTM D4533	N	444	511	644	425
Puncture CBR ¹	ASTM D6241	N	3110	3780	4820	n/a
Permittivity	ASTM D4491	sec ⁻¹	1.20	1.00	0.70	1.00
Water Flow	ASTM D4491	l/min/m ²	3251	3055	2035	3055
Apparent Opening Size (A.O.S.)	ASTM D4751	mm	0.180	0.150	0.150	n/a
U.V. Resistance	ASTM D4355	% @ 500h	70	70	70	70

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