



celeron

PRODUCT CATALOGUE

CELERONGLOBAL.COM

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Why Choose Us?

A trusted Canadian supplier of high-quality landscape and ground-cover fabrics designed for durability, stability, and long-term performance.

We **manufacture** premium, custom-engineered polypropylene fabric backed by our manufacturing guarantee. Get the quality you need at a price point that boosts your bottom line. **Superior quality, superior value.**



Woven Ground Cover

Our high quality 3.2oz woven polypropylene landscape fabric comes in different weights for professional applications. The product line serves as an effective tool for weed prevention and is produced with coloured stripes every 12 inch for easy and accurate plant alignment.

Property	Test Method	Min. Average Roll Value
Grab Tensile Strength	ASTM-D 4632	110 lbs
Grab Elongation	ASTM-D 4632	15%
Puncture	ASTM-D 4833	40 lbs
CBR Puncture Strength	ASTM-D 6241	250 lbs
Trapezoidal Tear	ASTM-D 4533	45 lbs
Mullen Burst	ASTM-D 3786	125 psi
UV Resistance @ 500 hours	ASTM-G 154	70%
Apparent Opening Size AOS	ASTM-D 4751	40 sieve
Permittivity	ASTM-D 4491	0.05 ^{sec-1}
Flow Rate	ASTM-D 4491	4 gpm/ft ²



Roll Sizes:

- 3' x 300'
- 4' x 300'
- 6' x 300'
- 10' x 300'
- 12' x 300'
- 15' x 300'

Applications:

- Weed prevention fabric
- Underlayment for mulch
- Greenhouse flooring
- Outdoor nursery display

Spunbond Fabric

A polypropylene landscape and garden fabric for professional landscapers, contractors and garden centres. Applications include the following:

- Economical option to prevent weeds without using any chemicals
- Lightweight and easy to install
- Allows air, water, and nutrients to penetrate the soil and roots of the plants
- Enhanced with UV protection for a more durable product
- Can be covered with straw or light mulch
- Easy to plant annuals or small plants through the fabric even after installation.

Property	Value	Units
FVNA Internal oz/yd ² Basic Weight g/m ²	2.00 68	oz/yd ² g/m ²
ASTM-D 5034 Grab Tensile Strength (MD/TD)	58/55 260/245	Lbf N
ASTM-D 1117 Trapezoidal Tear Strength (TD)	25 110	Lbf N
ASTM-D 1777 Thickness	14 0.35	Mils mm
ASTM-D 3786 Bursting Strength	105	psi
ASTM-D 737 Air Permeability	720	Cfm

Roll Sizes:

- 3' x 50' Retail Case
- 3' x 50' Pallet Pak
- 3' x 100' Retail Case
- 3' x 100' Pallet Pak
- 3' x 300' Commercial Rolls
- 4' x 300' Commercial Rolls
- 5' x 300' Commercial Rolls
- 6' x 300' Commercial Rolls
- 7' x 300' Commercial Rolls
- 9' x 300' Commercial Rolls
- 12' x 300' Commercial Rolls



Available in 2oz and 3.5oz

Woven Needle Punch

Needle Punched Ground Cover is a two-layered landscaping fabric crafted by mechanically bonding fibers onto a woven polypropylene base.

These fabrics conserve soil moisture, increase growth, serve as an effective weed prevention and are produced with coloured stripes every 12 inches apart for aligned planting.

Roll Sizes

4.2oz:

- 3' x 360'
- 4' x 360'
- 5' x 360'
- 6' x 360'
- 8' x 360'
- 10' x 360'
- 12' x 360'
- 15' x 360'

Roll Sizes

5oz (commercial):

- 3' x 250'
- 4' x 250'
- 5' x 250'
- 6' x 250'
- 8' x 250'
- 12' x 250'

Available in 4.2oz and 5oz



Woven Stabilization Fabric



Applications:

- Road stabilization
- Railroad and airfield stabilization
- Construction site easements
- Access road and site support in oil & natural gas drilling

We offer high-quality polypropylene woven geotextiles that provide you with the stability and resistance you need in the field to separate, filter, reinforce, protect and drain properly. Our woven geotextiles are produced from individually-woven polypropylene fibers and provide superior tensile strength and low elongation.

Because of our comprehensive range of circular (Starlinger, flat and Sulzer) looms, we are able to ensure that our customers' needs are met on every aspect of quality, weight, construction and weave configurations.

PROPERTY	TEST METHOD	UNIT	PP GT 315 LBS	PP GT 250 LBS	PP GT 200 LBS
MECHANICAL PROPERTIES					
GRAB TENSILE STRENGTH	ASTM D 4632	lbs	315 lbs	250lbs	200 lbs
GRAB TENSILE ELONGATION	ASTM D 4632	%	15-25%	15-25%	15-25%
MULLEN BURST	ASTM D 3786	psi	745 psi	555 psi	450 psi
TRAPEZOIDAL TEAR	ASTM D 4533	lbs	120 lbs	89 lbs	90 lbs
PUNCTURE STRENGTH	ASTM D 4833	lbs	135 lbs	105 lbs	100 lbs
CBR	ASTM D 6241	lbs	950 lbs	750 lbs	675 lbs
ENDURANCE					
UV RESISTANCE, % RETAINED	ASTM D 4355	%hrs	70% after 500 hrs	70% after 500 hrs	70% after 500 hrs
HYDRAULICS/ FILTRATIONS					
WATER FLOW RATE	ASTM D 4491	gpl/sq.ft ²	4.5 gpl/sq.ft ²	4.5 gpl/sq.ft ²	4.5 gpl/sq.ft ²
PERMITIVITY	ASTM D 4491	sec ⁻¹	sec ⁻¹	0.05	0.05
APPERENET OPENING SIZE (AOS)	ASTM D 4751	U.S Sieve (mm)	40 US Sieve	40 US Sieve	40 US Sieve

Silt Fence

Our silt fence products are available in bulk and retail-sized rolls, designed to control sediment runoff at job sites.



Roll Sizes:

Black

- 3' x 9900' - 70 GSM, 2 RED STRIPES
- 3' x 9900' - 55 GSM, 2 BLUE STRIPES
- 3' x 9900' - 65 GSM, 2 RED STRIPES
- 3' x 9900' - 90 GSM, 2 WHITE STRIPES

Orange

- 3' x 9900' - 70 GSM, 2 WHITE STRIPES
- 3' x 9900' - 90 GSM, 2 WHITE STRIPES

70 GSM BLACK SILT FENCE			
PROPERTY	TEST METHOD	UNITS	M.A.R.V
MATERIAL			PP
COLOUR			BLACK/ORANGE
FABRIC WIDTH			3'/36"
MASS PER UNIT AREA	ASTM D-5261	OZ/SQYD (GSM)	2. oz/sqyd (68)
GRAB TENSILE STRENGTH	ASTM D-4632	lbs	95X95
GRAB ELONGATION	ASTM D-4632	%	15%
TRAPEZOIDAL TEAR	ASTM D-4533	lbs	60
CBR PUNCTURE	ASTM D-6241	lbs	310
AOS (APPARENT OPENING SIZE)	ASTM D-4751	U.S Sieve	60 (0.625mm)
PERMITTIVITY	ASTM D-4491	sec-1	0.08
WATER FLOW RATE	ASTM D-4491	gpm/sqft	6(300 l/min/sm)
UV RESISTANCE @ 500 HRS.	ASTM D-4355	%@500hrs	90
THICKNESS			11.8 mil

FIBC Bags

Flexible intermediate bulk containers (FIBC) also referred to as bulk bags, tote bags or supersacks are ideal for shipping and handling products. Our bags are made from heavy duty woven polypropylene. Bulk bags are typically designed to handle weights between 500kg – 2,500kg.



We take care of all your needs, so you can focus on winning.



2025