

THE GREEN GEOTEXTILES®

Made From Post-Consumer Recycled Plastic Bottles

“ONE TRUCKLOAD OF GEOTEXTILES SAVES 300,000 BOTTLES FROM LANDFILLS!”

Americans use approximately 2,000,000 plastic bottles every hour!

From high-quality rewettable polyester, made from post-consumer recycled plastic bottles, **GREEN** in color, **MADE IN THE USA**

The Green Geotextiles® can be used for LEED Credits and Certification



PHYSICAL PROPERTIES (MARV)

Style: NONWOVEN 100% POST CONSUMER POLYESTER	Test Method	GN 100	GN 200	GN 300	Style: WOVEN 20% Recycled Content per LEED Credit 4.2	Test Method	GNW 1910	GNW 1908
Widths (ft)		12.5/15	15	15	Widths (ft)		12.5/15/17.5	12.5/15/17.5
Length (ft)		400	300	200	Length (ft)		400	400
Thickness (mils)	ASTM D-1777	60	120	145	Mass per unit area	ASTM D-3776	3 oz/yd ²	5 oz/yd ²
Mass per unit area (oz/yd ² , minimum)	ASTM D-3776	4.5-5	8	12	Grab Tensile (lbs)	ASTM D-4632	MD 130 CD 70	MD 250 CD 230
Grab Strength (lbs)	ASTM D-4632	100	200	300	Elongation % at break	ASTM D-4632	MD 22.5 CD 35	MD 27.5 CD 45.5
Elongation (%)	ASTM D-4632	50	50	50	Trapezoid Tear (lb)	ASTM D-4533	MD 80 CD 65	MD 95 CD 150
Trapezoid Tear (lb)	ASTM D-4533	45	85	115	Puncture Strength (lb)	ASTM D-4833	65	130
Mullen Burst (psi)	ASTM D-3786	210	350	580	AOS, mm	ASTM D-4751	0.700	0.235
Puncture Strength (lb)	ASTM D-4833	65	110	175	Water Flow Rate (gpm/ft ²)	ASTM D-4491	94	12.5
AOS (U.S. Sieve Size)	ASTM D-4751	70	80	100	Permittivity (sec ⁻¹)	ASTM D-4491	1.25	0.175
Permittivity (sec ⁻¹)	ASTM D-4491	2	1.5	1	UV Resistance (%)	ASTM D-4355	70	70
Water Flow Rate (gpm/ft ²)	ASTM D-4491	140	110	75	Polypropylene and recycled polyester			
UV Resistance (%)	ASTM D-4355	70	70	70				

Custom weights available

www.boomenviro.com

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AMERICAN ENGINEERING FABRICS, Inc.

MANUFACTURERS of GEOTEXTILES

GEOTECHNICAL SUPPLY
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BOOM[®]
ENVIRONMENTAL PRODUCTS