

Dewatering Filter Liners enable the liquid and solid separation of various sludge waste. Whether utilizing a dewatering container or sludge box, a modified roll-off, or any other custom container (such as a dewatering hopper), these liners are the solution for all of your dewatering needs.



TYPICAL APPLICATIONS

- Industrial sludge
- Municipal sludge
- Cooling tower sludge
- Paint sludge
- Tank sludge
- Drilling mud and frac sand
- Storm drains, ditches and sump cleaning

FEATURES

- Provides on-site waste minimization
- Avoids additional weight and cost of solification agents
- Reduces waste stream weight, resulting in lower costs at landfill
- Contains solidified waste after use for easy disposal
- Reduces or eliminates washout costs
- Easy to store and install

OPTIONS

- Geotextile cloth options
- Screen mesh and knit mesh options
- Various material options for desired micron ratings
- Stock and custom sizes available



3.5 OZ. NWPP GEOTEXTILE

Property	Test Method	English	Metric
ORIGIN OF MATERIAL			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Strength (Grab)	ASTM D 4632	80 lb	356 N
Elongation	ASTM D 4632	50%	50%
CBR Puncture	ASTM D 6241	210 lb	934 N
Trapezoidal Tear	ASTM D 4533	30 lb	133 N
ENDURANCE			
UV Resistance % Retained at 500 hrs	ASTM D 4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D 4751	50 US St. Sieve	0.300 mm
Permittivity	ASTM D 4491	2.0 sec ⁻¹	2.0 sec ⁻¹
Water Flow Rate	ASTM D 4491	150 gpm/ft ²	6112 l/min/m ²
Roll Sizes		12.5' x 360' 15' x 360'	3.81m x 109.8m 4.57m x 109.8m

NOTES:

1. The property values listed above are effective 04/2011 and are subject to change without notice.
2. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.
3. Maximum average roll value.

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. We do not assume any liability whatsoever for the accuracy and completeness of the information. This information is offered as a service and should not be construed as a recommendation and/or engineering advice. We do not assume liability whatsoever in regards to its use. The end user should determine for itself the suitability of the product(s) contained herein for the particular purpose and application to which the product(s) will be applied.

4 OZ. NWPP GEOTEXTILE

Property	Test Method	English	Metric
ORIGIN OF MATERIAL			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Strength (Grab)	ASTM D 4632	120 lb	534 N
Elongation	ASTM D 4632	50%	50%
CBR Puncture	ASTM D 6241	310 lb	1379 N
Trapezoidal Tear	ASTM D 4533	50 lb	222 N
ENDURANCE			
UV Resistance % Retained at 500 hrs	ASTM D 4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D 4751	70 US St. Sieve	0.212 mm
Permittivity	ASTM D 4491	1.7 sec ⁻¹	1.7 sec ⁻¹
Water Flow Rate	ASTM D 4491	140 gpm/ft ²	5704 l/min/m ²
Roll Sizes		12.5' x 360' 15' x 360'	3.81m x 109.8m 4.57m x 109.8m

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6 OZ. NWPP GEOTEXTILE

Property	Test Method	English	Metric
ORIGIN OF MATERIAL			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Strength (Grab)	ASTM D 4632	160 lb	712 N
Elongation	ASTM D 4632	50%	50%
CBR Puncture	ASTM D 6241	410 lb	1824 N
Trapezoidal Tear	ASTM D 4533	60 lb	267 N
ENDURANCE			
UV Resistance % Retained at 500 hrs	ASTM D 4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D 4751	70 US St. Sieve	0.212 mm
Permittivity	ASTM D 4491	1.3 sec ⁻¹	1.3 sec ⁻¹
Water Flow Rate	ASTM D 4491	110 gpm/ft ²	4482 l/min/m ²
Roll Sizes		12.5' x 360' 15' x 300'	3.81m x 109.8m 4.57m x 91.5m

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3. Maximum average roll value.

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10 OZ. NWPP GEOTEXTILE

Property	Test Method	English	Metric
ORIGIN OF MATERIAL			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Tensile Strength (Grab)	ASTM D 4632	250 lb	1112 N
Elongation	ASTM D 4632	50%	50%
CBR Puncture	ASTM D 6241	700 lb	3114 N
Trapezoidal Tear	ASTM D 4533	100 lb	445 N
ENDURANCE			
UV Resistance % Retained at 500 hrs	ASTM D 4355	70%	70%
HYDRAULIC			
Apparent Opening Size (AOS) ³	ASTM D 4751	100 US St. Sieve	0.150 mm
Permittivity	ASTM D 4491	1.2 sec ⁻¹	1.2 sec ⁻¹
Water Flow Rate	ASTM D 4491	80 gpm/ft ²	3260 l/min/m ²
Roll Sizes		15' x 300'	4.57m x 91.5m

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3. Maximum average roll value.

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SCREEN MESH 200 MICRON

Mechanical Property	Test Method	Minimum Average Roll Value	
		MD	CD
Grab Tensile Strength	ASTM D 4632	370 lbs	250 lbs
Grab Tensile Elongation	ASTM D 4632	15%	15%
Trapezoid Tear Strength	ASTM D 4533	100 lbs	60 lbs
CBR Puncture Strength	ASTM D 6241	950 lbs	
Percent Open Area	COE-02215	4%	
Permittivity	ASTM D 4491	0.28 sec ⁻¹	
Apparent Opening Size (AOS)	ASTM D 4751	70 U.S. Sieve	
UV Resistance (at 500 hours)	ASTM D 4355	90%	

Physical Properties	Test Method	Typical Value
Weight	ASTM D 5261	5.6 oz./yd ²
Roll Dimensions (Width x Length)	-	12 ft x 300 ft
Roll Area	-	400 yd ²

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SCREEN MESH 250 MICRON

Mechanical Property	Test Method	Minimum Average Roll Value	
		MD	CD
Grab Tensile Strength	ASTM D 4632	385 lb	220 lb
Trapezoid Tear Strength	ASTM D 4533	120 lb	85 lb
Mullen Burst Strength	ASTM D 3786	510 psi	
Puncture Strength	ASTM D 3787	105 lb	
Air Flow	ASTM D 737	>600 cfm	

Physical Properties	Test Method	Typical Value
Weight	ASTM D 5261	5.7 oz./yd ²
Thickness	ASTM D 5199	28 mil
Fiber Content	-	100% PP

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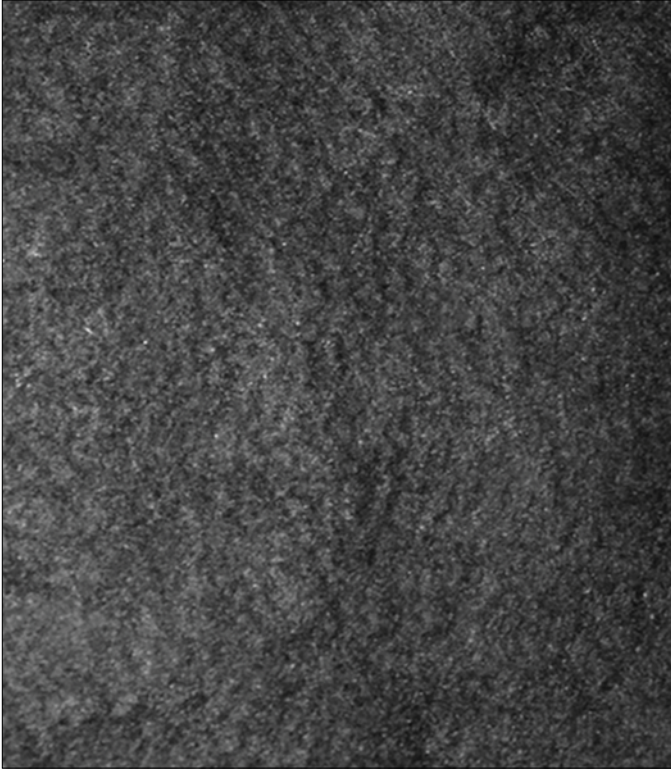
KNIT MESH

Mechanical Property	Test Method	Minimum Average Roll Value	
		MD	CD
Grab Tensile Strength	ASTM D 4632	410 lb	240 lb
Trapezoid Tear Strength	ASTM D 4533	130 lb	90 lb
Mullen Burst Strength	ASTM D 3786	510 psi	
Puncture Strength	ASTM D 3787	100 lb	
Air Flow	ASTM D 737	>600 cfm	
Water Flow		145 gal/min/sf ²	

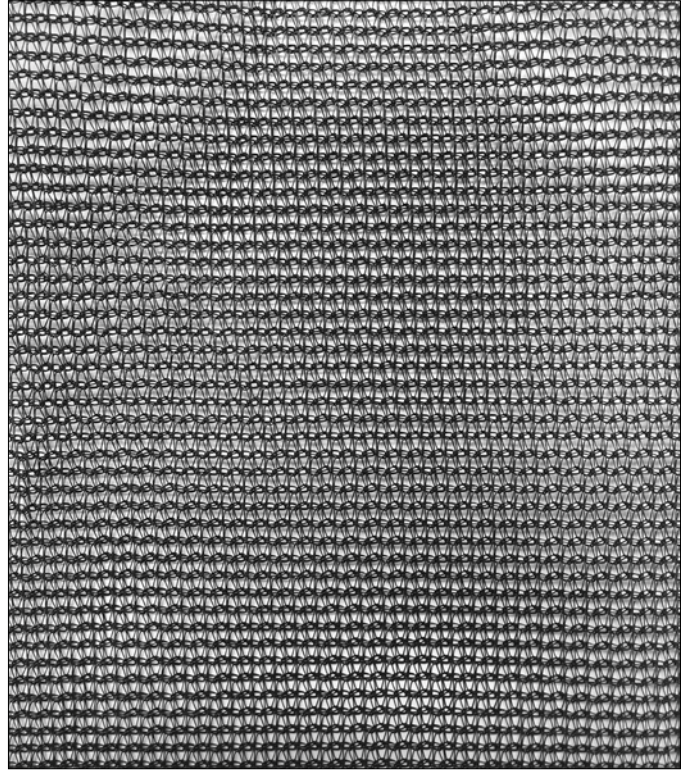
Physical Properties	Test Method	Typical Value
Weight	ASTM D 5261	5.6 oz./yd ²
Fiber Content	-	100% PP

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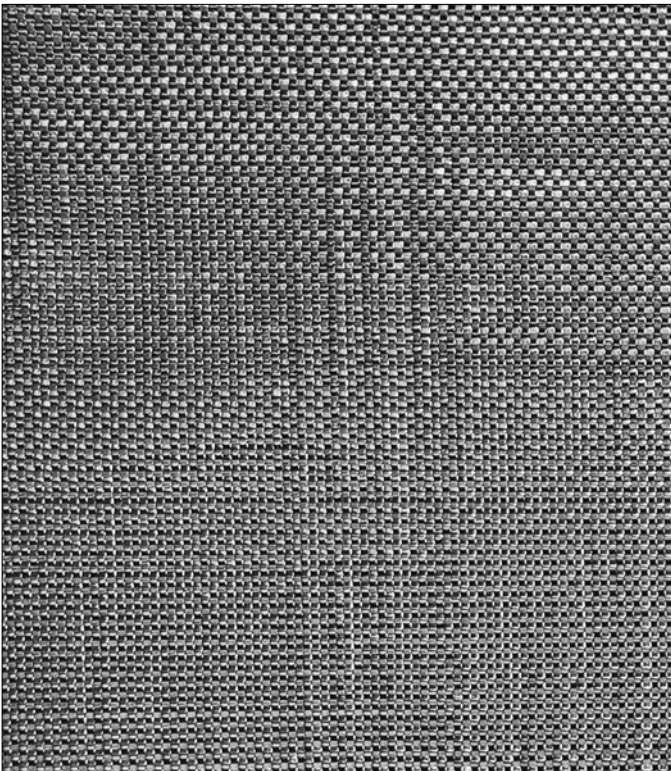
FILTER MEDIA SAMPLES



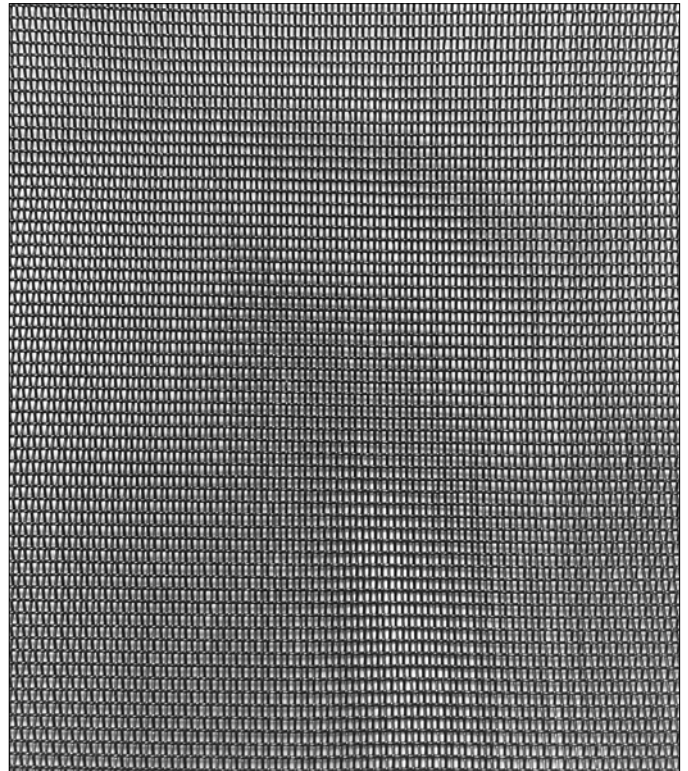
**3, 4, 6 and 10 oz. Non-Woven
Polypropylene Geotextile**



70% Knit Mesh



200 Screen Mesh



250 Screen Mesh

Although these are our standard filter media, other filtration options are available.