WINFAB DEWATERING BAGS

For Site Dewatering and Sediment Control

FILTRATION DRAINAGE

WINFAB manufactures fabrics designed to meet today's advanced engineering requirements for stabilization, separation, filtration, reinforcement, and erosion control.

DESCRIPTION

WINFAB DWB8 and DWB10 Dewatering Bags have been designed to assist contractors and site engineers with dewatering of construction sites, lakes, and other water pumping applications. As water is pumped into the dewatering bag, sediment, silt, and sand is trapped inside. The water that was pumped into the bag is released through the dewatering bags' filtering material as near-clear water.

Additionally, WINFAB Dewatering Bags help protect the environment & comply with stormwater regulations by reducing pollutants and helping to maintain ground water quality.

WINFAB Dewatering Bags are manufactured using a nonwoven polypropylene geotextile stitched together via a double-needle seam. A fabric flange is also incorporated allowing a discharge hose of up to 6" to be attached.

AVAILABLE SIZES

WINFAB Dewatering Bags are available in the following sizes: 5' x 6', 7.5' x 15', 10' x 15', 15' x 15'. For custom sizing or to place an order, please call 912.534.5757

APPLICATIONS

WINFAB Dewatering Bags bring a cost-effective solution to the following processes:

- Stormwater filtering
- Dewatering of ponds & lakes
- Construction on highways and building foundations
- Trench draining & water removal from low-lying areas
- Golf Course pond cleaning
- Water or Sewage line repair

INSTALLATION

- Place WINFAB DWB8 and DWB10 Dewatering Bags on a fairly level and stabilized area.
- Insert the pump discharge hose into the fabric flange and secure it tightly with the flange straps.
- Once the pump is operational, make sure that no unfiltered water is escaping from around the fabric flange.
- WINFAB Dewatering bags are designed for one-time use. Once the dewatering bag is full, the bag must be cut open and the waste can then be disposed of or reused on-location. Be sure to follow any local regulations regarding disposal.

WINFAB | www.winfabusa.com
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GMA Geosynthetic Materials Association

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FILTRATION DRAINAGE

WINFAB DWB8 and **WINFAB DWB10** are created using needlepunched nonwoven geotextiles manufactured using polypropylene fibers that are formed into a dimensionally stable network, allowing the fibers to maintain their relative position. **WINFAB DWB8** and **WINFAB DWB10** resist ultraviolet deterioration, rotting, and biological degradation & are inert to commonly encountered soil chemicals.

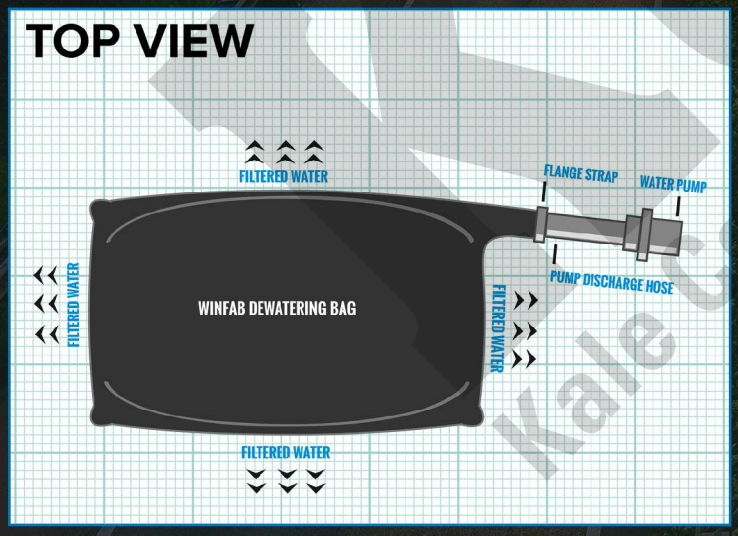
PROPERTY	TEST METHOD	DWB8 MARV English / Metric	DWB10 MARV English / Metric
Tensile Strength (Grab)	ASTM D-4632	205 x 205 lbs / 912 x 912 N	250 x 250 lbs / 1113 x 1113 N
Elongation	ASTM D-4632	50% / 50%	50% / 50%
CBR Puncture	ASTM D-6241	525 lbs / 2336 N	625 lbs / 2781 N
Trapezoidal Tear	ASTM D-4533	80 x 80 lbs / 356 x 356 N	100 x 100 lbs / 445 x 445 N
UV Resistance (500 hrs)	ASTM D-4355	70% / 70%	70% / 70%
Apparent Opening Size (AOS)*	ASTM D-4751	80 US Std. Sieve / 0.18 mm	100 US Std. Sieve / 0.150 mm
Permittivity	ASTM D-4491	1.4 sec^{-1} / 1.4 sec^{-1}	1.2 sec^{-1} / 1.2 sec^{-1}
Water Flow Rate	ASTM D-4491	90 gpm/ft^2 / 3667 lpm/m	80 gpm/ft^2 / 3251 lpm/m

***Maximum Average Roll Valve**

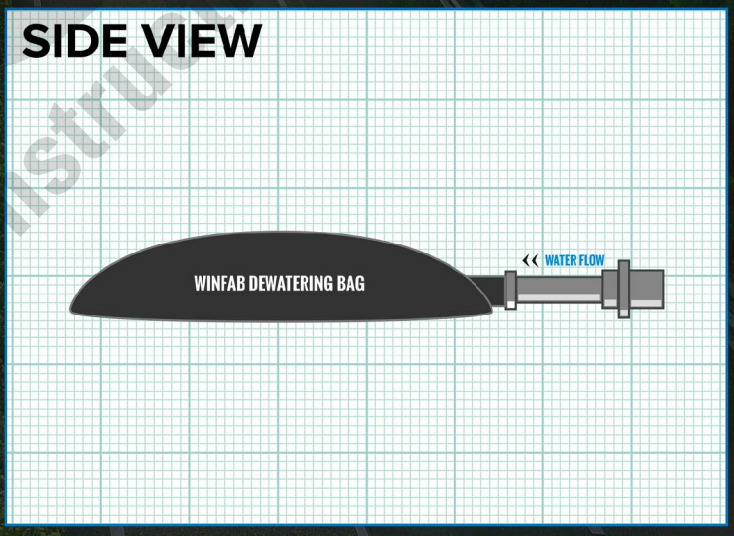
Notes:

- Mullen Burst ASTM D-3786 has been removed. It is not recognized by ASTM D-35 on Geosynthetics.
- Puncture ASTM D-4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D-6241

TOP VIEW



SIDE VIEW



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