

Mirafi® Dewatering Bag for Stormwater Sediment Control

TenCate Geosynthetics develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

The Difference Mirafi® Dewatering Bags Make:

- **Compliance.** Stormwater management regulations are a key component of the Environmental Protection Agency's (EPA) Clean Water Act. This device helps maintain ground water quality, reduce pollutants, and safely deal with flooding as regulated through the National Pollution Discharge Elimination System (NPDES), Phase I & II.
- **Filtration.** Consistent fabric coverage provides steady filtration and flow characteristics as a best management practice. High permittivity properties provide high flow rates while providing excellent soil particle retention for a stormwater filtering system.

- **Cost Effective.** Mirafi® Dewatering Bags provide an economical solution for many stormwater applications.

APPLICATIONS

Mirafi® Dewatering Bags are designed to control suspended sediment in water pumping applications. When the pumped water reaches the Mirafi® Dewatering Bag, the suspended sediment is captured by the bag.

There are several features and benefits to using Mirafi® Dewatering bags:

- Easily installs onto discharge hose.
- Easier and more convenient to use than sediment traps or other alternatives.
- Fabricated from a TenCate geotextile, the leader in geosynthetic applications.
- Available in three standard sizes:
6x6ft, 10x15ft, 15x15ft.

INSTALLATION GUIDELINES

Place lifting straps (not included) under the unit to facilitate removal after use. Unfold the Mirafi® Dewatering Bag on a stabilized drainage area such as: Mirafi® G-Series drainage composites; dense vegetation; straw; or gravel. Insert discharge hose from pump into the Mirafi® Dewatering Bag a minimum of 6" (150mm) and tightly secure with attached strap to prevent unfiltered water from flowing out of the unit. If using optional absorbents, place absorbent boom into the Mirafi® Dewatering Bag.

Maintenance: Replace the dewatering bag when half full of sediment or when the pump discharge has reduced to an impractical rate. If using optional oil absorbents, remove and replace absorbent when near saturation.

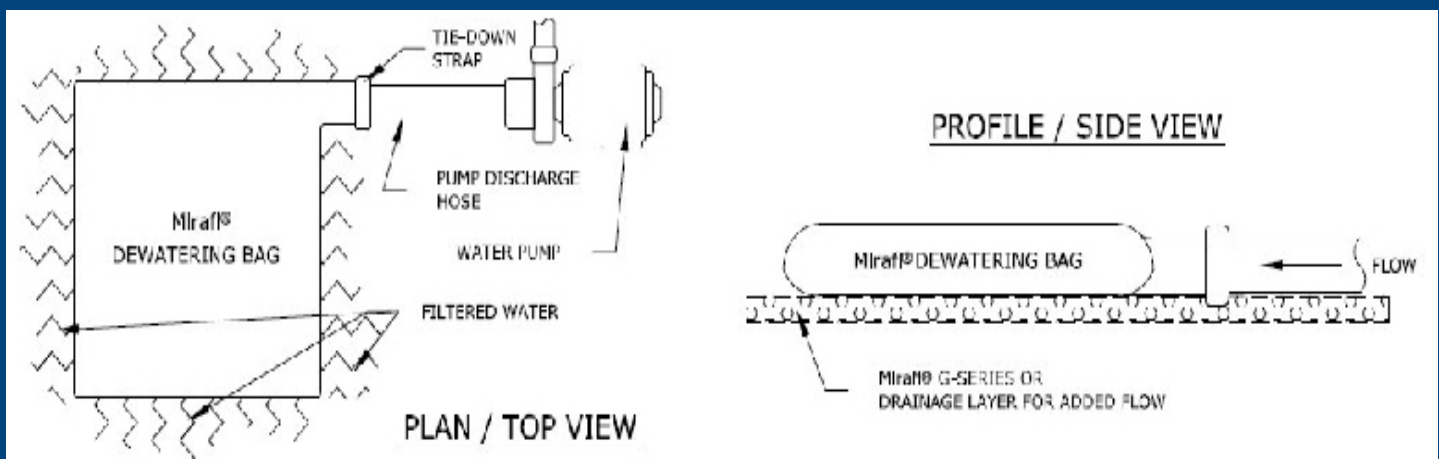
These guidelines serve as a general basis for installation. Detailed instructions are available from your TenCate representative.



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Technical Data

Properties (MARV)	Test Method	Units	180N
Grab Tensile Strength	ASTM D4632	lbs (N)	205 (912)
Grab Tensile Elongation	ASTM D4632	%	50
CBR Puncture Strength	ASTM D6241	lbs (N)	500 (2224)
Trapezoid Tear Strength	ASTM D4533	lbs (N)	80 (356)
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	80 (0.18)
Permittivity	ASTM D4491	sec ⁻¹	1.4
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	95 (3870)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70



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