



Ultra-Dewatering Bag®

Specifications

Minimum Average Fabric Values

Properties	ASTM Test	Value
Material: Non-woven, Polypropylene Geotextile		
Grab Tensile (lbs)	D 4632	205
Elongation (%)	D 4632	50
Trapezoid Tear (lbs)	D 4533	85
Puncture (lbs)	D 4833	130
Mullen Burst (psi)	D 3786	400
Permittivity (sec^{-1})	D 4491	1.4
A.O.S. (U.S. sieve no.) / Microns	D 4751	80 / 180
UV Stability (strength retained %) 500 hrs	D 4355	70
Weight (oz/yd^2) (typical)	D 5261	8
Flow (through material gpm/ft^2)	D 4491	90

Install the Ultra-DewateringBag® on a slope so incoming water flows downhill through the Ultra-DewateringBag® without creating more erosion. Strap the neck of the Ultra-DewateringBag® tightly to the discharge hose. To increase the efficiency of filtration, place the bag on an aggregate or hay bale bed to maximize water flow through the surface area of the bag.

The Ultra-DewateringBag® is full when it no longer can efficiently filter sediment or pass water at a reasonable rate. Flow rates will vary depending on the size of the Ultra-DewateringBag®, the type and amount of sediment discharged into the Ultra-DewateringBag®, the type of ground, rock or other substance under the bag and the degree of the slope on which the bag lies. Under most circumstances Ultra-DewateringBag® will accommodate flow rates of 1500 gallons per minute. Use of excessive flow rates or overfilling Ultra-DewateringBag® with sediment will cause ruptures of the bags or failure of the hose attachment straps.

Dispose of the Ultra-DewateringBag® as directed by the site engineer. If allowed, the Ultra-DewateringBag® may be cut open and the contents seeded after removing visible fabric.

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