



ULTRATECH
INTERNATIONAL, INC.

Ultra-Dewatering Bag® Specifications

Material Specifications

Properties	ASTM Test	Value
Material: Non-Woven, Polyethylene Geotextile	-	-
Grab Tensile	D 4632	205 lbs
Elongation at break	D 4632	50%
Trapezoid Tear	D 4533	80 lbs
Puncture	D 4833	525 lbs
Mullen Burst	D 3786	420 psi
Permittivity	D 4491	1.5 sec ⁻¹
A.O.S. (U.S. sieve no.)/ mm	D 4781	80/0.18
UV Stability (strength retained %) 500 Hours	D 4355	70%
Fabric Weight (oz./yd ²)(typical)	D 5261	8 oz/yd ²
Flow Rate	D 4491	90 gpm/ft ²
Filter Efficiency	D 5141	99.0 %

Unit Specifications

Model	Fabric QTY	Max Flow Rate* (GPM)	Sediment Capacity (Cu Ft)	Sediment Capacity (lbs.)
3'x4' Part # 9729-0/S	24 sq ft	200	12	1,440
4'x6' Part # 9720-0/S	50 sq ft	250	24	2,880
6'x6' Part # 9724-0/S	74 sq ft	275	36	4,320
6'x9' Part # 9721-0/S	110 sq ft	350	54	6,480
8'x8' Part # 9723-0/S	130 sq ft	350	64	7,680
10'x15' Part # 9725-0/S	302 sq ft	400	150	18,000
15'x15' Part # 9727-0/S	452 sq ft	500	225	27,000

NOTE ON MAXIMUM FLOW RATES: Flow rates are approximates. The starting flow rates are based on fabric lab testing of flow rates. Note that each project has different variables that will affect the flow rate and performance of the bag. User should monitor performance of the bag for the duration of use.

DISCLAIMER: Frequent monitoring/inspection of dewatering bags is required. UltraTech is not liable for any damage caused by rupture or over-filling of Ultra-Dewatering Bags. If your Ultra-Dewatering Bag fails to fully pass pumped water, turn off the pump and contact your distributor or UltraTech International, Inc. at 904-292-1611 / 800-353-1611.

*Over for installation, use
and disposal guidelines*

Rev. 1.11.24

Installation, Use and Disposal

Install the Ultra-Dewatering Bag® on a slope so incoming water flows downhill through the Ultra-Dewatering Bag® without creating more erosion. Strap the neck of the Ultra-Dewatering Bag® 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-Dewatering Bag® 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-Dewatering Bag®, the type and amount of sediment discharged into the Ultra-Dewatering Bag®, the type of ground, rock or other substance under the bag and the degree of the slope on which the bag lies. Use of excessive flow rates or overfilling Ultra-Dewatering Bag® with sediment will cause ruptures of the bags or failure of the hose attachment straps.

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

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