



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./yd²)(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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