GRANITE environmental

Dewatering Bags

The Dewatering Bag is a water filtering bag that has been used for the **removal of sediment, oil, and other pollution** or waste from a water area. These filtering bags are typically made from a **non-woven geotextile fabric** that has been needle punched to allow only clean water to flow back out of the bag. Their high filtering qualities has made them perfect for **pumping trenches**, **construction sites, ponds, lakes and for dewatering in municipalities or plants**.

Typical Features:

- Needle Punched Non-Wove Geotextile Fabric
- Connects to Pipes up to 4”
- In Stock Sizes Available
- Filters Sediment, Oil & Waste
- Helps Comply with NPDES phase II

Dewatering Bag Technical Specifications	
Material Options	Standard Sizes
8 oz. Non-Woven Geotextile (filters 8 oz/sq. yard @ 80 gpm/sq. ft) 10 ox. Non-Woven Geotextile (filters 10 oz/sq. yard @ 10	6’ x 6’ 15’ x 10’ 15’ x 15’ 15’ x 20 15’ x 25’

P.O. Box 780928 Sebastian, FL 32978 Toll Free: (1) 888.703.9889 Fax: (+1) 772.589.3343 Int: (+1) 772.646.0597 info@GraniteEnvironmental.com

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Sediment and Dewatering Bags are constructed from heavy-duty needle punched filter fabric that provides high permittivity pore structure that allows water to pass through while containing fine soils. These bags are **an economical and effective way to keep within NPDES phase II and Clean Water Act Compliance,** allowing you to avoid shut downs and fines.

Dewatering Bags Complete Specifications

Part Number*	Size	Material	Capacity Guide** (cubic yards/bag)
00060608	6' x 6'	8 oz. Non-Woven	1.44
00151008	15' x 10'	8 oz. Non-Woven	6
00151508	15' x 15'	8 oz. Non-Woven	9.6
00152008	15' x 20'	8 oz. Non-Woven	12
00152508	15' x 25'	8 oz. Non-Woven	15
00060610	6' x 6'	10 oz. Non-Woven	1.44
00151010	15' x 10'	10 oz. Non-Woven	6
00151510	15' x 15'	10 oz. Non-Woven	9.6
00152010	15' x 20'	10 oz. Non-Woven	12
0015210	15' x 25'	10 oz. Non-Woven	15

*Part Number Subject to Change without Notice

**Capacity is estimated only and is intended as guide to users. Volume per bag is dependent on soil composition, site conditions, and use. Information is provided in good faith. Actual field trial are the only true bench mark for site specific results.

NOTE: It is important that you ALWAYS check with local regulators about permitting and local requirements.

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Typical Installation & Uses

- Dewatering bags **should be sized based on:**
  - Volume of water being pumped (pump flow rate),
  - Quantity and type of sediment
  - Permittivity of the given bag size.

- Consideration should also be given to location. (Steep sloped surfaces are typically not recommended as the bag may roll).
  Placement may be in a **20' drop box, dump truck or similar for containment** to facilitate transportation.

- Each sediment bag can handle a **2", 3" or 4" discharge hose.** (The hose can be placed along any edge by making a small incision into the fabric, inserting the hose and then clamping the fabric to the hose via wire, ties, clamp, rope or similar to create a good seal.)

- To improve surface area and performance of the bag, **place it on a permeable/porous surface** such as hay bales, aggregate or similar. (take care to select a media that will not damage the bag – use of ground cloth can alleviate damage from occurring)

- These sediment bags are rugged, but not indestructible. Care should always be taken to properly monitor performance to ensure that pump rates or concentrations of sediment are not excessive. Failure to do so may cause bag to fail.

- **Avoid multiple pipe discharges into 1 bag.** One bag per discharge is recommended unless specifically designed.

- Filtered Water Runoff from the dewatering bag should be guided to the nearest inlet with care taken to avoid causing any erosion

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