



HD Dewatering Bags

Filter the Flow

The HD Dewatering Bag filters water to remove sediment and other pollution or waste. These filtering bags are made from a non-woven geotextile fabric that is needle-punched to allow only water to flow back out while retaining fine soils and particles. Its high filtering qualities make them perfect for pumping trenches, construction sites, ponds, lakes and for dewatering in municipalities or plants.

The information and photos listed here are a guideline of the most common specifications for this product. As a service to you, we will provide comparable products fitting the specifications needed for your project and present you with the best priced options available.



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HD Dewatering Bags are an easy and economical option at any site that requires removal of sediment or silt from discharge. A combination of strength and effectiveness makes the HD Dewatering Bags a favorite for construction sites, power plants, dredging areas, and more.

HD Dewatering Bag Features

- Needle-Punched Non-Woven Geotextile Fabric
- Connects to Pipes up to 8"
- Various Sizes In Stock
- Filters Sediment, Oil & Waste
- Helps Comply with NPDES Phase II Regulations

Sizing & Location

Determining the right size of dewatering bag for your location is dependent on site conditions. When choosing a bag for your location, some common factors to consider are:

- Pump Flow Rate
- Quantity and Type of Sediment
- Permittivity
- Volume of Materials Needing Containment

Alternatively, certain locations may have size restrictions that will dictate what size bags they are able to handle.

Common Placement Options

- 20' Drop Box
- Dump Truck
- Construction Site Areas
- Containment Vehicles

Steep sloped surfaces are typically not recommended as the bag may roll.



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Discharge Hose and Stormwater Runoff

Each HD sediment filter bag is designed to handle a discharge hose that is up to 8" in diameter. While bags will feature a hose inlet, you can also place the hose by making a small incision in the fabric. Once the hose is in place, clamp the fabric to the hose via wire, ties, clamps, ropes or similar seals.

Filtered Water Runoff

Guide runoff from the bag into the nearest inlet. Take care to avoid causing any erosion.

Other Considerations

These dewatering sediment bags are rugged, but not indestructible. Be careful to properly monitor performance to ensure that pump rates or concentrations of sediment are not excessive. Failure to do so may cause the filter bag to fail. Avoid multiple pipe discharges into a single bag. One bag per discharge is recommended unless specifically designed.

Filtering Materials: Using our dewatering filter bag in conjunction with a flocculent or polymer for finer clay and organic media will definitely improve flow rates, discharge clarity and percentage of solids retained.

Ask one of our technical staff members about options for soil media testing and polymers that are site specific.

Specifications

Size	Material	Capacity Guide*	Filter Rate (New Bag, Clear Water)	A.O.S	Microns
6' x 6' (1.8m x 1.8m)	8 oz. Non-Woven	1.44 yds ³	90 gpm/sq. ft	80 US Sieve	177 (0.177 mm)
15' x 10' (4.57m x 3m)	8 oz. Non-Woven	6 yds ³	90 gpm/sq. ft	80 US Sieve	177 (0.177 mm)
15' x 15' (4.57m x 4.57m)	8 oz. Non-Woven	9.6 yds ³	90 gpm/sq. ft	80 US Sieve	177 (0.177 mm)
15' x 20' (4.57m x 6.1m)	8 oz. Non-Woven	12 yds ³	90 gpm/sq. ft	80 US Sieve	177 (0.177 mm)
15' x 25' (4.57m x 7.6m)	8 oz. Non-Woven	15 yds ³	90 gpm/sq. ft	80 US Sieve	177 (0.177 mm)
6' x 6' (1.8m x 1.8m)	10 oz. Non-Woven	1.44 yds ³	85 gpm/sq. ft	100 US Sieve	149 (0.149 mm)
15' x 10' (4.57m x 3m)	10 oz. Non-Woven	6 yds ³	85 gpm/sq. ft	100 US Sieve	149 (0.149 mm)
15' x 15' (4.57m x 4.57m)	10 oz. Non-Woven	9.6 yds ³	85 gpm/sq. ft	100 US Sieve	149 (0.149 mm)
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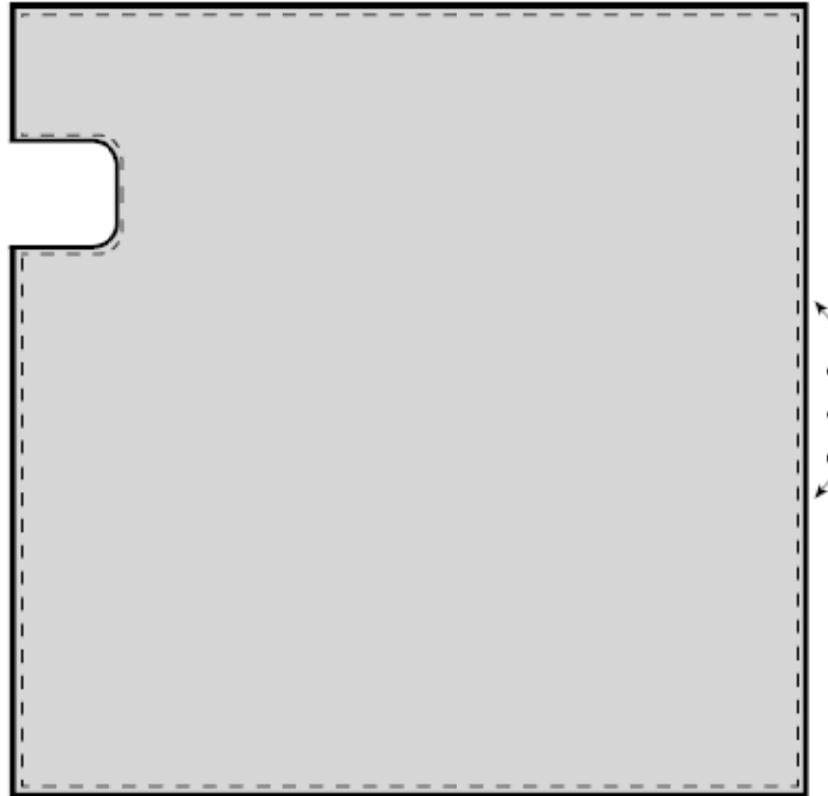
*Capacity is estimated only and is intended as a guide for users. Volume per bag is dependent on soil composition, site conditions, and use. Information is provided in good faith. Actual field trial are the only true bench mark for site specific results.

For more complete information on One Clarion products and solutions, visit us on the Web at www.clarionmunicipal.com.

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All photos are representative only. Actual products may differ. Materials and specifications are subject to change without notice. Featured products in photos may include additional equipment or accessories.



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Scale:

Drawing:

Revision:

Date:

By: