



ULTRATECH
INTERNATIONAL, INC.

Ultra-Dewatering Bag Specification



Product: Ultra-Dewatering Bag

Sold by:

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1.0 Description of Work

1.1 This work shall consist of furnishing, installing, maintaining, and removing Ultra-Dewatering Bag sediment control device as directed by the engineer or as shown on the site drawings.

2.0 Ultra-Dewatering Bag Materials

2.1 There are seven sizes of Ultra-Dewatering Bag. Custom sizes are also available.

2.2 Ultra-Dewatering Bag shall be manufactured from a specially designed nonwoven polypropylene geotextile and sewn by a double needle machine, using a high strength nylon thread.

2.3 Ultra-Dewatering Bag shall be manufactured to fit discharge hoses up to four (4) inches in diameter. Ultra-Dewatering Bag will have the following features: 8 oz. nonwoven construction.

2.4 The Ultra-Dewatering Bag unit shall utilize a nonwoven fabric with the following characteristics:

Specifications for Ultra-Dewatering Bag

Property	Test Method	Units	Test Results
Grab Tensile	ASTM D4632	lbs	205
Grab Elongation	ASTM D4632	%	50
Puncture	ASTM D6241	lbs	525
Trapezoid Tear	ASTM D4533	lbs	80
AOS	ASTM D4751	US Sieve	80
Flow Rate	ASTM D4491	gal/min/ft ²	90
Permittivity	ASTM D4491	sec ⁻¹	1.5

3.0 Construction Sequence

3.1 To install Ultra-Dewatering Bag slide onto end of discharge hose and tie off using attached straps. The optional hose connector can be used or a large hose clamp can be used if preferred.

3.2 To remove Ultra-Dewatering Bag, turn off pump and detach from hose.

3.3 Allow Ultra-Dewatering Bag and contents to dry. Cut bag open and dispose of contents or spread on site.

4.0 Basis of Payment

4.1 Payment for all Ultra-Dewatering Bag units used during construction is to be included in the bid price for the overall erosion and sediment control plan unless unit price is requested.

Note: This information is provided as reference only and is not intended as a warranty or guarantee. One Clarion assumes no liability in connection with the use of this information (8/19/24).