



Ultra-Gravel Bag

Specification

Product: Ultra-Gravel Bag

Manufacturer:

UltraTech International, Inc.
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Jacksonville, FL 32256 USA

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1.0 Description of Work

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

2.0 Ultra-Gravel Bag Materials

2.1 Ultra-Gravel Bag shall be manufactured from a specially designed woven high density polyethylene (HDPE) geotextile and sewn by a double needle machine, using a high strength nylon thread.

Specifications for Ultra-Gravel Bag

Property	Test Method	Units	Test Results
Grab Tensile	ASTM D4632	lbs	184/160
Seam Strength	ASTM D4884	ppi	358
Puncture	ASTM D6241	lbs	558
Trapezoid Tear	ASTM D4533	lbs	99/67
AOS	ASTM D4751	US Sieve	30
UV Resistance (500 hrs)	ASTM D4355	%	>80
Permittivity	ASTM D4491	sec ⁻¹	2.7

3.0 Construction Sequence

- 3.1 To use Ultra-Gravel Bag fill with sand, gravel or other aggregate. Flow rate and other performance characteristics will vary depending on the type and volume of aggregate used.
- 3.2 Use a zip-tie to secure the Ultra-Gravel Bag closed
- 3.3 Ultra-Gravel Bag is reusable. Once the construction cycle is complete, remove from site and clean. Ultra-Gravel Bag should be stored out of sunlight until the next use.

4.0 Basis of Payment

- 4.1 Payment for all Ultra-Gravel 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. UltraTech International, Inc. assumes no liability in connection with the use of this information (8/1/24).