



ULTRATECH
INTERNATIONAL, INC.

Ultra-Drain Guard, Adjustable Frame Model Specification

Product: Ultra-Drain Guard, Adjustable Frame Model

Manufacturer:

UltraTech International, Inc.
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1.0 Description of Work

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

2.0 Ultra-Drain Guard, Adjustable Frame Model Materials

2.1 Ultra-Drain Guard, Adjustable Frame Model shall be manufactured from a specially designed nonwoven polypropylene geotextile and sewn by a double needle machine, using a high strength nylon thread.

2.2 Ultra-Drain Guard, Adjustable Frame Model shall be manufactured with heavy-duty hook and loop fasteners to secure fabric to frame. Ultra-Drain Guard, Adjustable Frame Model will have the following features: included steel frame that adjusts to fit the catch basin opening.

2.3 The Ultra-Drain Guard, Adjustable Frame Model unit shall utilize a nonwoven fabric with the following characteristics:

Specifications for Ultra-Drain Guard, Adjustable Frame Model

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 (through material)	ASTM D4491	gal/min/ft ²	90
Flow Rate (bypass ports gpm)			770
Flow Rate (bypass ports cfs)			1.7
Permittivity	ASTM D4491	sec ⁻¹	1.5

3.0 Construction Sequence

- 3.1 To install Ultra-Drain Guard, Adjustable Frame Model in the catch basin, remove grating. Remove any excess dirt or debris and place the unit on ledge that supports the grating. If necessary, adjust frame to fit.
- 3.2 To remove Ultra-Drain Guard, Adjustable Frame Model, remove grating from catch basin. Remove unit from catch basin and empty if necessary or discard as per local requirements.
- 3.3 Ultra-Drain Guard, Adjustable Frame Model is reusable if not saturated with hydrocarbons. Once the construction cycle is complete, remove Drain Guard from the catch basin and clean. Ultra-Drain Guard, Adjustable Frame Model should be stored out of sunlight until the next use.

4.0 Basis of Payment

- 4.1 Payment for all Ultra-Drain Guard, Adjustable Frame Model 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 (8/19/24).