



ULTRATECH
INTERNATIONAL, INC.

Ultra-Curb Guard Plus Specification

Product: Ultra-Curb Guard Plus

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-Curb Guard Plus sediment control device as directed by the engineer or as shown on the site drawings.

2.0 Materials

2.1 Ultra-Curb Guard Plus shall be manufactured from a specially designed woven polypropylene casing.

2.2 Ultra-Curb Guard Plus shall be manufactured with Ultra-Filter Tex inside of the unit to absorb oil and other hydrocarbons.

2.3 Ultra-Curb Guard Plus shall be manufactured with heavy-duty, closed-cell foam inserts. Each insert will be perforated to allow for a reduction in height to allow for a proper fit in lower profile curb inlets.

2.4 The Ultra-Curb Guard Plus unit shall utilize a woven polymer fabric with the following characteristics:

Specifications for Ultra-Curb Guard Plus

Property	Test Method	Units	Test Results
Grab Tensile	ASTM D4632	lbs	370 x 200
Grab Elongation	ASTM D4632	%	15
Puncture	ASTM D6241	lbs	90
Trapezoid Tear	ASTM D4533	lbs	115 x 75
AOS	ASTM D4751	US Sieve	40
Flow Rate	ASTM D4491	gal/min/ft ²	145
Permittivity	ASTM D4491	sec ⁻¹	2.1

3.0 Construction Sequence

3.1 General

3.1.1 Install the Ultra-Curb Guard Plus in the curb inlet opening. Multiple units can be connected and/or cut to provide full coverage of the inlet.

3.1.2 The foam wedge inserts are perforated to allow for sections to be removed to provide a proper/secure fit in the inlet.

3.1.3 The Ultra-Curb Guard Plus and surrounding area should be cleaned if a visual inspection shows silt and debris build up around the unit.

3.1.4 To remove the Ultra-Curb Guard Plus, lift out of the opening.

3.1.5 The Ultra-Curb Guard Plus is reusable. Once the construction project is complete and it is no longer needed for sediment control, remove, clean and store out of the sunlight until needed on the next project.

3.1.5 Ponding is likely if sediment is not removed regularly. Inspection of Ultra-Curb Guard Plus should be on a regular basis and immediately after major rain events.

4.0 Basis of Payment

4.1 Payment for all Ultra-Curb Guard Plus 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).