

# Ultra-Curb Guard Plus

## Specification



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 <sup>2</sup>	145
Permittivity	ASTM D4491	sec <sup>-1</sup>	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.