

# GRATEGATOR

## DROP INLET FILTER

INLET PROTECTION

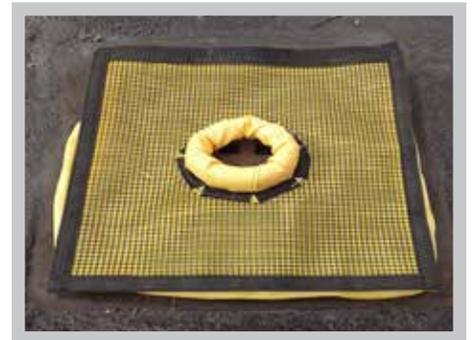


An innovative new “above the grate” stormwater filter

GrateGator is an “above the grate” stormwater filter designed to remove sediment and debris from stormwater as it enters the catch basin. Manufactured with a durable, high flow filter, the GrateGator has superior flow rates to alternative methods or products used in this application. With built in overflow protection, the GrateGator is efficient at filtering out contaminants while allowing bypass during extreme wet weather events. GrateGator can be cleaned and reused over and over for the life of the project.

Several GrateGator styles available.

- The Type A Unit slides over the grate and has a flip top for maintenance.
- The Type B unit attaches to the grate with high strength magnets.
- Type C unit attached to the grate with high strength magnets and has a collapsible overflow that provides vertical containment yet will collapse under vehicle traffic.



### ADVANTAGES:

- Lightweight
- Easy to use and reuse
- No stone or sand needed
- Optional overflows
- Optional curb inlet filters

# SPECIFICATIONS

LET'S GET IT DONE

## 1.0 Description

1.1 This work shall consist of furnishing, placing, maintaining and removing the GrateGator sediment control device as directed by the engineer and as shown on the contract drawings.

## 2.0 Materials

### 2.1 GrateGator

2.1.1 The GrateGator will be manufactured so the high flow filter portion of the unit covers the inlet grate. On the Type A unit the installation sleeve is tucked under the grate and the unit is held in place by the grate. On the Type B Grategator, the installed magnets hold the unit securely to the grate.

## 3.0 Construction Sequence

### 3.1 General

3.1.1 Install GrateGator so the filter material covers the surface area of the grate.

3.1.2 The GrateGator should be cleaned if a visual inspection shows sediment and debris build up around the GrateGator.

3.1.3 Clean as needed. Store out of direct sunlight.

3.1.4 Ponding is likely if sediment is not removed regularly. Inspection of GrateGator should be on a regular basis and immediately after wet weather events.

### Property

Property	Test Method	MARV
Grab Tensile Strength	ASTM D4632	237 x 255 lbs
Grab Tensile Elongation	ASTM D4632	15-20%
Wide Width Tensile Strength	ASTM D4595	2500 x 2500 ft
Breaking Strength	ASTM D4595	1160 lbs
Wide Width Breaking Elongation	ASTM D4595	44%
Puncture Strength	ASTM D4833	86 lbs
Hydraulic Bursting Strength	ASTM D3786	432 lbs
Trapezoid Tearing Strength	ASTM D4533	71%
UV Resistance (at 500 hrs)	ASTM D4355	99.4%
AOS	ASTM D4751	20 Sieve
Permittivity (sec -1)	ASTM D4491	5.374 (sec-1)
Flow Rate	ASTM D4491	100.6 gpm/ft <sup>2</sup>

All properties are Minimum Average Roll Values (MARV)



The Type A Unit slides over the grate and has a flip top for maintenance.



The Type B unit attaches to the grate with high strength magnets.



The Type C unit attaches to the grate with high strength magnets and has a collapsible overflow that provides vertical containment yet will collapse under vehicle traffic

## SIMILAR PRODUCTS IN THIS FAMILY:

### SILTSAK



### GRATEMASTER



### SEDI BAG

