

# ERTEC® GR8 Guard™ – For drainage inlets with grates in paved areas

## Installation Guide

### Installation Notes

- Placement:** Select correct size (Table 1). DO NOT remove grate. Lay GR8 Guard™ on top of grate. GR8 Guard™ shall extend at least 3 inches beyond grate in each direction.
- Anchor methods:** **A)** Attach with 16 gauge tie-wire. Cut wire to 18" length. At each corner of GR8 Guard™, feed one end of wire down through GR8 Guard™, around grate bar, and back up thru GR8 Guard™. Above ground, twist wires several times, cut-off excess (Fig 1). or **B)** Place small snake bags or equivalent (gravel bags) containing clean, pea-sized graded gravel around perimeter of GR8 Guard™ (Fig 2). or **C)** Place traffic cone on top of GR8 Guard™ (Fig 3).
- Clean:** Accumulation of leaves, debris and sediment can cause backups! Clean after every storm or as necessary.
- Protect:** In stop and go traffic areas where exposed to constant tire abuse, it is useful to place traffic cones or delineators on or near GR8 Guard™ to discourage run-overs. GR8 Guard™ works well with periodic run-overs, but does not survive long in constant stop and start traffic.

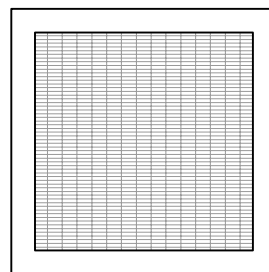
**Table 1**

Grates less than	GG size
13"X13"	GG 13"X13"
20"X20"	GG 20"X20"
28"X28"	GG 28"X28"
36"X24"	GG 36"X24"
36"X36"	GG 36"X36"
42"X28"	GG 42"X28"
48"X36"	GG 48"X36"
48"X48"	GG 48"X48"

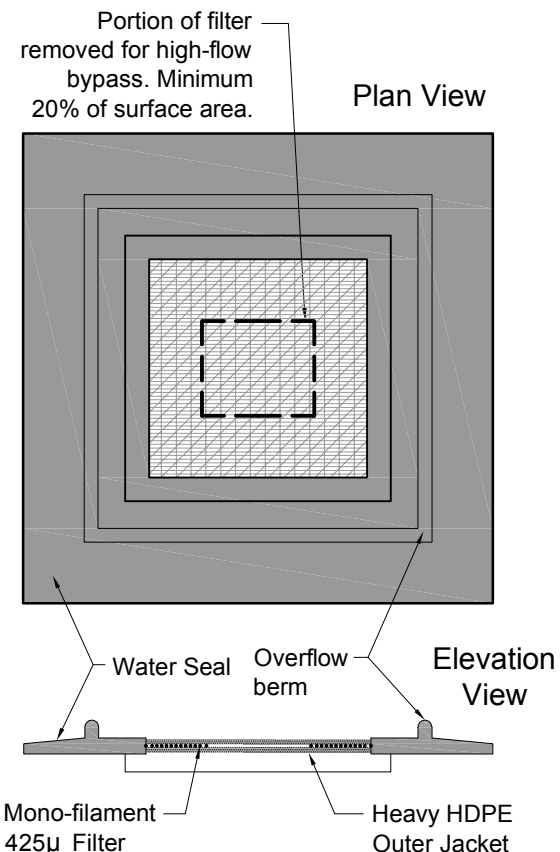
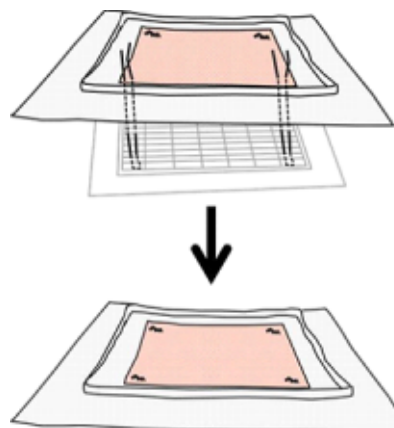
Custom sizes are available.

**Note: For better performance and durability install with Top Guard(tm) adhesive (Loctite(r) Power Grab All Purpose).**

**See Installation Videos:**  
**Part I:** <https://youtu.be/qMPq9mE2784>  
**Part II:** <https://youtu.be/3GfbgpYuHNw>

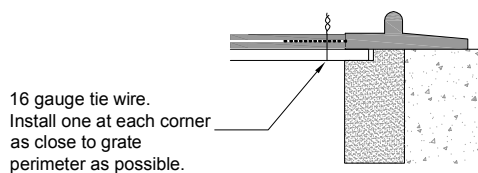


**Unprotected drainage inlet**

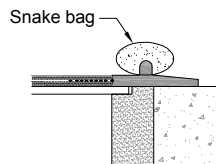


**ERTEC® GR8 GUARD™ Protected drainage inlet**

**Fig 1**

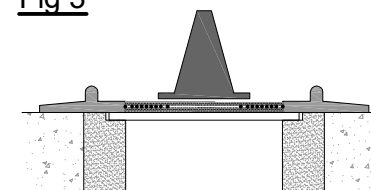


**Fig 2**



**Snake Bag:**  
 1. Place small snake bags or equivalent (gravel bags) containing clean, pea-sized graded gravel around perimeter of GR8 Guard™.

**Fig 3**



**Traffic Cone:**  
 1. Place traffic cone on top of GR8 Guard™.

**Maintenance:** Perform maintenance as required. Inspect following rainfall events and at least daily during prolonged rainfall. Maintain to provide an adequate sediment holding capacity. Debris shall be removed daily and sediment shall be removed when the sediment accumulation reaches 50% of the barrier height. Removed sediment shall be incorporated in the project at designated locations.

**Important:** All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each project for their application. ERTEC Environmental Systems makes no warranties as to the accuracy of completeness of the information, and disclaims any liability regarding its use. ERTEC Environmental System's only obligations are those in the ERTEC Environmental Systems Standard Terms and Conditions of Sale for this product, and in no case will ERTEC Environmental Systems or its distributors be liable for any incidental indirect or consequential damages arising for the sale, resale, use or misuse of the product. Specifications are subject to change without notice. In addition, ERTEC Environmental Systems reserves the right to make changes, without notification to Buyer, to processing or materials that do not affect compliance with any applicable specification.



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