



Grate Inlet Protection

GR-8 Guard is a patented, low cost, four layer system designed to reduce sedimentation into grated storm drain inlets in paved areas. It is an important part of a comprehensive best management practice approach for site sediment control. The integrated filter is designed for concentrated flows. The outer berm allows water to rise to nearly 1 inch before reaching the filter – causing heavier

particles to settle. The system filters storm water above the ground easing visual inspection and maintenance. The system has a high flow bypass in the center. It is easy to install with ERTEC GR-8 Hooks™, has a long life, is resistant to traffic, and reusable. During installation or cleaning, the grate does not need to be removed, reducing installer injuries. Highly sustainable, the units are made from recycled HDPE.

GR-8 Guard is available in round and rectangular

ERTEC GR-8 HOOKS™:
3 for round units
4 for rectangular units

100% American Content / Labor

✓ Recycled
✓ Reusable

Product Characteristics

Module weight (average lbs per sq. ft.)	0.8	Filter capability – min AOS (microns)	425
Functional life (min years)	4	Tensile Yield ASTM D-638 (lb/in ²)	1800 - 2800
Reusable	YES	Ultimate Tensile Strength: ASTM D-638 (lb/in ²)	2000 - 2800
Recycled Material Content (minimum)	50%	Service temperature deg F	-30 to 160
Easy to clean	YES	Filter Flow Rate ASTM D-4491 gpm/ft ² (min)	145
Seals to pavement to control underflow	YES		



Product Designation	Fits Grate Size:
GG (LxW in inches)	Rectangular Grates
GG (Diameter in Inches)R	Round Grates
GR-8 Hooks	Round Units: 3 required Rectangular Units: 4 required

Product Benefits

- Fast installation
- Lower costs
- Durable – semi-permanent
- Above street, easy to inspect & clean
- Long life, UV stable
- One installation per project
- Stands up to traffic
- Reduces back injuries