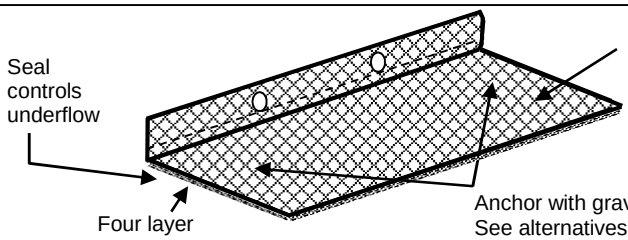
Combo Guard™
Curb & Grate Inlet Protection

Combo Guard (CG) is a patented, low cost, four layer system designed to reduce sedimentation into combination curb & grate storm drain inlets. CG is engineered to balance the critical tradeoff between allowing water to flow off the street for safety and capturing sediment. It is an important part of a comprehensive best management practice approach for site sediment control. The integrated filter has a vertical height of 2 inches to allow bypass in high flow conditions. The system filters storm water above the ground easing visual inspection and maintenance. The system is easy to install, has a long life, resistant to traffic, made from recycled content and reusable. During installation, the grate does not need to be removed, reducing installer back and foot injuries. Four sizes fit most grated inlets. The units are made from recycled content and are reusable.



100% American Content / Labor

✓Recycled
✓Reusable

Product Characteristics

Unit weight (average lbs)	3 - 5	Filter – AOS (microns) - nominal	425
Functional life (min years)	4+	Filter Flow Rate ASTM D-4491 gpm/ft^2 (min)	145
Vertical Height (average inches)	6.0	Tensile Yield ASTM D-638 (lb/in^2)	1800 - 2800
Filter freeboard height nominal +/- 0.33 (in)	2.0	Ultimate Tensile Strength: ASTM D-638 (lb/in^2)	2000 - 2800
Recycled Content (minimum)	84%	Service temperature deg F	-30 to 160
Reusable	YES	Bypass for high flow conditions	YES
Easy to Clean	YES	Seals to pavement to control underflow	YES

Anchored with Gravel Bags or Zip Ties

Product Designation	Grate Size
CG 28x22	Fits up to 23” by 19” Grate
CG 48x18.5	Fits up to 36”x18” Grate
CG 48x22	Fits 36” x 18” **and** 36” x 20” **and** 40” x 17” Grates
CG 48x27	Fits up to 40” x 24” Grate
CG 48x30	Fits up to 42” x 28” Grate
Custom and special sizes available upon request	

Product Benefits

- Fast installation
- Easy to install, inspect & maintain
- Stands up to traffic
- Significantly lower costs
- Long life, UV stable
- Safer - no back and foot injuries
- Lightweight, easy to transport
- One installation per project
- Made from recycled content

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