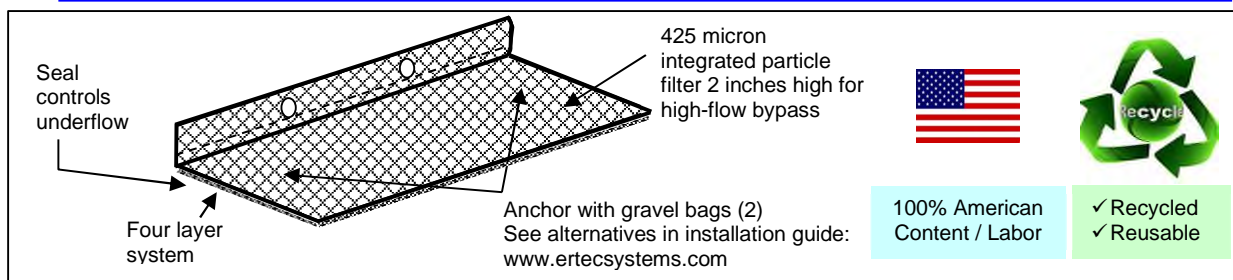


Combo Guard (CG) is a patented, low cost, four layer system designed to reduce sedimentation into combination curb & grate storm drain inlets. CG is engineered to balance the critical tradeoff between allowing water to flow off the street for safety and capturing sediment. It is an important part of 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.



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
Reusable	YES	Service temperature deg F	-30 to 160
Easy to Clean	YES	Seals to pavement to control underflow	YES
Bypass for high flow conditions	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



Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

LOCATIONS & CONTACT INFO

ASP ENTERPRISES

aspent.com
salesasp@aspent.com

BOWMAN CONSTRUCTION SUPPLY

bowmanconstructionsupply.com
salesbcs@bowmanconstructionsupply.com

QUICK SUPPLY CO.

quicksupplyco.com
salesquick@quicksupplyco.com

CASCADE GEOSYNTHETICS

cascadegeos.com
salescascade@cascadegeos.com

St. Louis, MO 636.343.4357
Omaha, NE 402.861.8579
Kansas City, MO 816.554.1191
Wichita, KS 316.393.1554

Denver, CO 303.696.8960
Colorado Springs, CO 719.257.7840
Loveland, CO 970.535.0863

Des Moines, IA
515.289.1271

Portland, OR
971.339.1020

SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**