



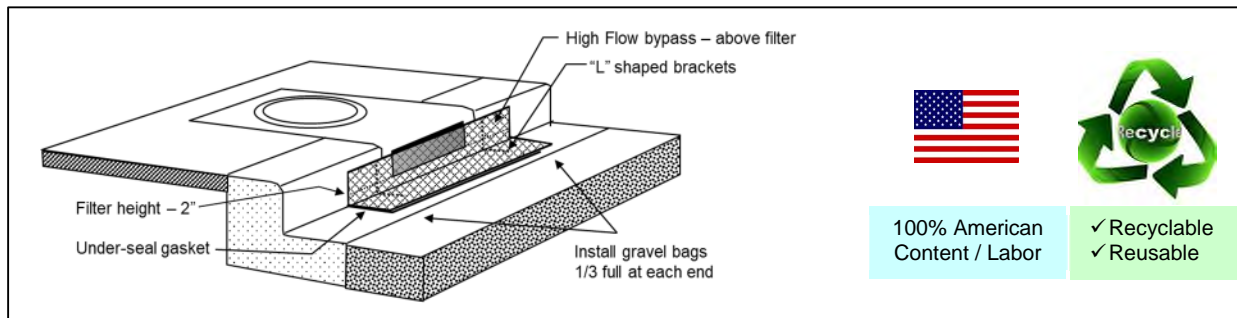
ERTEC®
ENVIRONMENTAL SYSTEMS

Curb Inlet Guard™

Curb Inlet Protection

Curb Inlet Guard (CIG) is a patented, low cost system which reduces sedimentation into curb drain inlets. CIG is engineered to balance the critical tradeoff between allowing water to flow off the street for safety and capturing sediment. CIG 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 water to

bypass during high flow events. Each unit has additional bypass area cut through the open matrix. The units are made from durable HDPE with built-in brackets to keep it from collapsing into the storm drain. One size fits-all - segments can be overlapped and adjusted as needed to fit all long curb openings. The system reduces costs significantly because it is easy to install, clean, has a long life and can be reused.



Product Characteristics

Module weight (lbs)	3.0	Filter- min AOS (microns)	425
Functional life (min years)	4	Tensile Yield ASTM D-638 (lb/in ²)	1800 - 2800
Module Height (inches) (min)	8.0	Ultimate Tensile Strength: ASTM D-638 (lb/in ²)	2000 - 2800
Module Length / Opening size protected (ft)	6.25 / 5	Service temperature deg F	-30 to 160
Filter freeboard height (inches)	2.0	Filter Flow Rate ASTM D-4491 gpm/ft ² (min)	145
Integrated brackets	YES	Bypass for high flow conditions	YES
Reusable	YES	Seals to pavement to control underflow	YES
Easy to clean	YES		

Application information

Modular 6.25' lengths fit 5' openings and can fit together for longer curb inlet openings. Heights vary to fit vertical opening height and curb height. Dimensions are typically standard in geographical regions.



Product Benefits

- Fast installation
- Long life, UV stable
- Stands up to construction site abuse
- Lower total costs
- Modules overlap to fit any length
- One installation per project
- Lightweight, easy to transport
- One size to order and stock
- Above street, easy to clean



Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

LOCATIONS & CONTACT INFO

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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