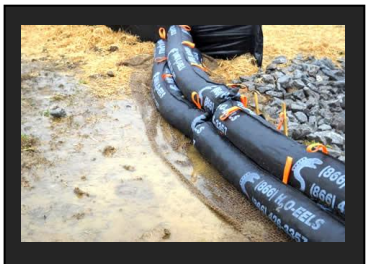
EROSION EEL

by *Friendly Environment*
The Pollution Control Experts



The Erosion EEL™, by its very nature, functions to help prevent physical degradation of the environment by enhancing water quality.

What is the Erosion EEL™

The ErosionEEL™ is an environmentally friendly, low impact erosion and sediment control device. Many advantages include:

- Easy installation with **no trenching required.**
- Replaces silt fence, rock check dams, temporary diversion berms, and storm /inlet drain protection.
- May be placed over multiple surfaces including soil, asphalt, concrete, and **surface rock**.
- DOT Approved in many states.
- **Durable, reusable, and easily moved**, thereby making it very cost effective compared to silt fence and other BMPs.
- **High suspended solids capture** (filter efficiencies) comparable to standard silt fence.
- **Increased flow rates** through the filter material as compared to silt fence preventing localized flooding during storm events.

About the Erosion EEL™

- Three-dimensional Filter — Sediment retention roll/tube - Function: Suspended particle capture; flow control
- Woven polypropylene geotextile exterior
- Nominal 9.5” diameter
- Manufactured lengths = Nominal 10ft. and 4.5ft.
- Internal fill Material Mixture - Washed shredded rubber (metal removed) - Supplier: MTR - AASHTO - specified hardwood chips (0.5” to 0.75” in size)

ENVIRONMENTAL SUSTAINABILITY

The ErosionEEL™ minimizes the removal/extraction of natural resources, minimizes the amount of newly manufactured substances, and minimizes physical degradation of the environment.

The ErosionEEL™ is reusable within a project and can be moved to other project sites:

- Minimizes the amount of new product manufacturing (involving extraction of natural resources, additional manufactured products into the environment).
- Limits the amount of new geotextile fabric required for manufacturing (silt fence vs. ErosionEEL™).
- At the end of EEL cycle, rubber material is cleaned and reused in new EELs that are produced.

ENVIRONMENTAL COMPATABILITY

Synthetic Precipitation Leach Procedure (SPLP) • pH of 4.2 and pH 7.0 (modified SPLP)

- Testing for metals, volatiles, suffactants, base/neutral extractables, acid extractables

Rubber Fill Material Results • No adverse levels of any constituents have been extracted (relative to human exposure and aquatic toxicity)

Synthetic Fibers (nylon, PP, PET)

- No adverse levels of any constituents have been extracted (relative to human exposure and aquatic toxicity)

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