

ERTEC Environmental Systems

Protecting Global Lands and Waterways™

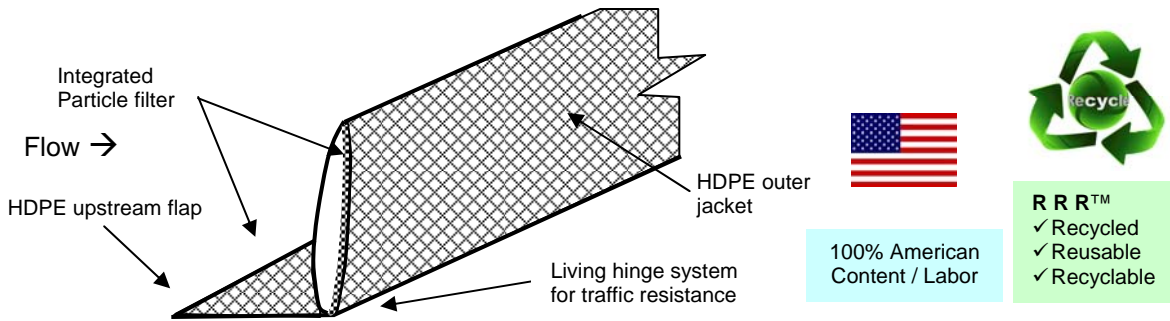
Perimeter Guard™



Perimeter Sediment Control

Perimeter Guard (PG) is a patented, cost effective, high performing, and highly environmentally sustainable system which reduces sedimentation around home building lots. PG is an important part of a comprehensive best management approach for soil stabilization. Because of its performance

and durability, builders can take a completely new low cost approach to sediment control. PG is designed to flex back and forth in cross traffic environments and can be reshaped after deformation. The system allows water flow-through while filtering soil particles. PG is made from durable, reusable and recyclable HDPE.



Product Characteristics

Unit weight (Lbs/ft) (max)	0.35	Resists damage from vehicular traffic	YES
Functional life (minimum)(years)	4+	Tensile Yield ASTM D-638 (lb/in ²)	1800 - 2800
SDSU soil loss test 3 10 yr storm consec	81%	Ultimate Tensile Strength: ASTM D-638 (lb/in ²)	2000 - 2800
Dimension – length per module (ft)	7.5	Service temperature (deg F)	-30 to 160
Dimension (freeboard height in inches)	6.5 +/- 0.5	Field configurable without accessories	YES
Installed freeboard height (inches)	6.5 +/- 0.5	Interlocking, continuous length	YES
Recycled Material Content (minimum)	93%	Stays light and moveable during and after storm	YES
Reusable	YES	Filter AOS (microns)	250
Recyclable (HDPE)	YES	Filter % Open Area COE 22125-86 (min %)	20%



Product Benefits -

- Improve sediment retention
- Cut project costs 50%
- Fast installation, lightweight
- Long life, UV stable
- Continuous line of protection
- Low shipping and storage costs
- Significantly less under-cutting and maintenance
- Recycled materials content (93%)
- Reusable
- Recyclable at the end of life

Design and Installation

For proper design and installation refer to the Installation and Maintenance Guide at www.ertecsystems.com