



Bank Guard™

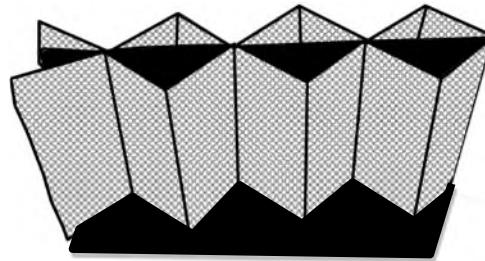
Erosion protection for banks, gullies and shorelines

The Bank Guard system is a patented, effective, low cost, and “soft” alternative to gabions, rip rap, concrete structures and other measures for bank, gully or shoreline erosion protection and restoration. Bank Guard is lightweight and easy to deploy. Any number or size of modules can be joined together to form a structure that adapts to any requirement. Bank Guard is water permeable and with the integrated filter, retains

soil particles in place, creating a barrier which allows vegetation establishment and habitat restoration. It is designed to deflect and dissipate wave energy. Bank Guard is made from durable and UV-stable HDPE. The rigid, extruded polymer matrix is non-toxic and environmentally safe. Even after extensive exposure to sun-light, harsh weather and salt water it continues to perform.

Configurable for different requirements:

- Height – 20”, 24”, 30”, 40”, 48”
- Length – continuous interconnecting segments.
- Segments nest for variable width
- Integrated filter / geotextile



Product Characteristics			
Unit weight per LF (20”, 30”, 40”, 48”) (lbs)	2.9/4.1/5.3/6.2	Tensile Strength ASTM D4595 (lbs)	400
Configurable for different requirements	YES	Segment Length (Linear Feet)	5
Strand Deform 0.375” sphere pull-thru at 68°F (lbs)	38	Overlap loss (%)	4.3
UV Stability ASTM D4355 (%)	96	Service temperature (deg F)	-30 to 160



Product Benefits

- Fast, simple, low cost installation
- Lightweight, easy to transport
- Ideal for remote areas
- Adapts to any configuration
- Long life, UV stable

Product Designation	Dimensions
Bank Guard (BG20, BG24, BG30, BG40, BG48)	Interconnecting segments. All modules are 5 ft long with 4.3% overlap loss

Design and Installation	For design and installation, refer to the Installation and Maintenance Guide.
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