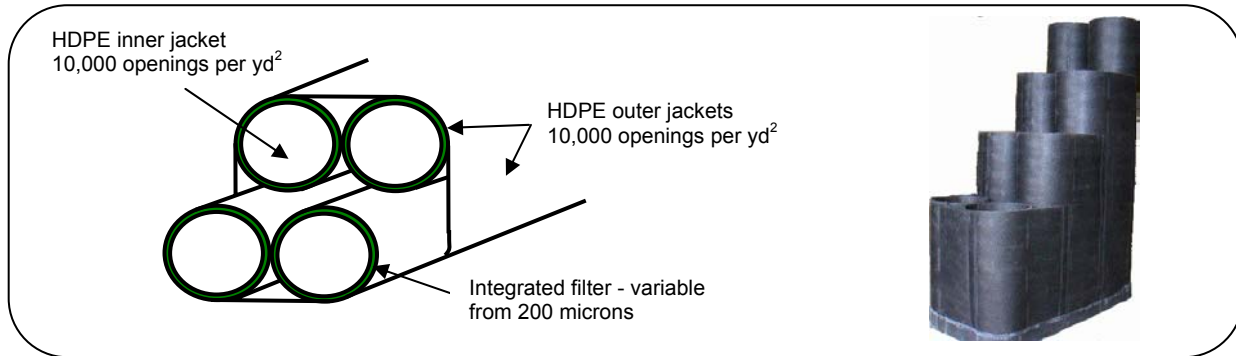




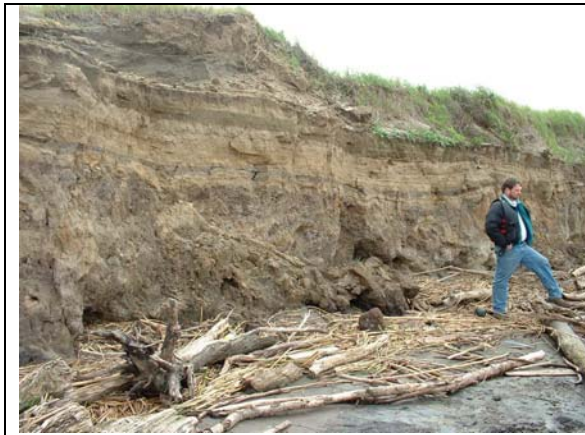
The BSS family is a tested and patented, high performance and cost effective system for **biotechnical** bank, bluff and cliff stabilization for river, stream, creek, wetland, lake and ocean environments. A very effective, low cost alternative for soil stabilization and sediment control which supports habitat enhancement

and complexity. BSS allows water flow-through and significantly reduces velocity. With an integrated filter, it retains soil particles in place, creating a barrier to further erosion. BSS is made from durable and UV stable HDPE. Any number or size of modules can be joined together to form a structure that adapts to any requirement.



**Product Characteristics**

Unit weight (10.5" diameter module - lbs/ft)	1.15	Outer jacket tensile strength ASTM D-638 lb/in <sup>2</sup>	4400
Outer jacket water flow ASTM D-4491 gpm/ft <sup>2</sup>	400	Outer jacket break strength ASTM D-638 lb/in <sup>2</sup>	1380
Filter permittivity ASTM D-4491 sec <sup>-1</sup>	Variable	Outer jacket bulk density lb/ft <sup>3</sup>	37
Filter flow rate variable ASTM D-4491	Variable	Outer jacket – no. of openings per yd <sup>2</sup> (min)	10,000
Filter AOS ASTM D-4751 (min) microns	Variable	Service temperature deg F	-30 to 160



Before – October 2002



After – August 2004

**Product Benefits**

- Fast installation
- Ideal for remote areas
- Long life, UV stable
- Lower costs
- Supports habitat complexity
- No or minimal heavy equipment
- Lightweight, easy to transport
- Low skill labor
- Fill with in-situ materials

**Design and Installation**

For proper design and installation, refer to the Installation and Maintenance guide.