ESI RESOURCE SERVICES

SNAKE BAG



The Green Snake Bag is a specially engineered UV resistant monofilament geotextile fabric bag intended to be filled with coarse sand or fine clean gravel for use as a sediment control device.

The Green Snakes Bags are commonly used as gravel "wattles" catch basin/curb inlet protection, grated inlet protection, check structures, filter berms, sediment control devices, etc (see back of brochure for function and common uses)

The Green Snake bag unique physical properties woven seams (which gives the bag overall strength stronger than traditional welding, gluing and standard sewing seams). Material makeup (which gives the Snake bag the ability to conform to irregular terrain better than traditional woven polypropylene bags of similar construction) and the high UV rating 3 to 7 years (depending on color) makes the snake bag the chose for most sediment control projects.

The material is designed to withstand moderate road traffic which is superior over the traditional poly or burlap sand bags that have been used in the past for sediment control as well as their fixed high filtration design enables the sediment laden water turbidity to be reduced as the water passes through a series of snake bags on its way to the drain outlet.

Physical Properties:

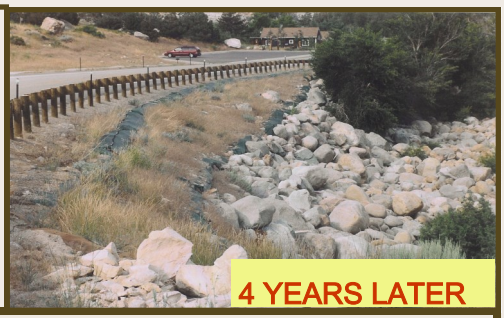
Fabric Structure:	Woven	Yarn: High density polyethylene
Physical Property:	Test Method:	(MEAN) Roll Value
Grab Tensile Strength:	ASTM D4632	W326/F216 lbs
Fabric Weight:	D-5261	5 oz/sq./yd.
Mullen Burst Strength	ASTM D3786	376 lbs./in/sq.
Water Flow	ASTM D4491	180 gal/ft./sq./min.
UV Resistance (@2000 hrs)	ASTM D4355	> 70%

Sizing: lengths and diameters can be custom to project needs please see your local distributor for information and availability in your area.

ESI Resource Services 11854 Larisa Way Rancho Cordova, CA 95742 Phone number 916-985-7787 | fax number 916-985-7887

20 ” *Anaconda Bags* above dry channel (river underground)

- note toe berm function & curb function above
- Sinks Canyon WY 4-11-07



INSTALLATION INSTRUCTIONS:

The green snake bag can be filled with clean coarse sand or gravel (up to ¾ ”) .

For Larger Diameter Anaconda Bags up to 20 ” to 24 ” 1 ” to 1 1/4 ” minus gravel should be used.

Caution should be taken not to over fill the bag….. Bags should be placed with the flap side down and the tied end on the flap which creates a seal where the 2 bags intersects. For higher follow areas, 2 row of bags can be installed side by side staggering joints.

FUNCTIONS:

Snake bags is a practical BMP that can serve multiple functions at the same time.

- Surface protection either on a slope or in a channel
- Minimization of concentrated flows
- Velocity reduction either on slopes or in channels
- Sediment capture

APPLICATIONS:

Snake bags are suitable for multiple applications:

- ***Disrupting concentrated flows***
- ***Capturing sediment by ponding***
- ***Used in place of silt fence***
- ***Rock check dams***
- ***Ridge diversions***
- ***Pipe socks***
- ***Level spreader***
- ***Redirecting concentrated flows***
- ***Anchoring other devices***
- ***Used as toe berms***
- ***Rock outlet protection***
- ***Inlet protection***
- ***Mulch filled filter bags***
- ***Oil absorption containment***

Or part of the structure of sediment basins, sediment traps, storm drain diversions, and structural stabilization of streams.

ESI Resource Services 11854 Larisa Way Rancho Cordova, CA 95742 Phone number 916-985-7787 | fax number 916-985-7887