



APPLICATIONS:

- Sediment collection and removal
- Construction site drainage
- Stream restoration
- Culvert outfalls
- Planned or Emergency silt control
- Pump discharge

BENEFITS:

- Capture 40Kg of sediment per mat
- Reduce downstream suspended solids
- Placed in natural or constructed channels and ditch bottoms to trap fine materials
- Traps particulate to prevent resuspension
- Easily removed after use
- Natural materials are 100% Biodegradable



Dimensions – 2 x 1 x .12 meters

Materials - Coir and Jute (Natural)

Deployment – Use the table to place mats in areas with reduced flow energy in streams or a capture at discharge points (pump/culvert)

Disposal – 100% biodegradable. Can be used as seed growth medium once filled with silt.

Particle Size	Water Speed (m/s)				
	0.2	0.4	0.6	0.8	1
Fine Gravel	20 cm	40 cm	60 cm	80 cm	1 m
Sand	70 cm	1.4 m	2.1 m	2.8 m	3.5 m
Fine Sand	8 m	17 m	25 m	33 m	40 m
Silt	228 m	456 m	683 m	911 m	1139 m

Reference table showing the distance that different particle sizes travel at differing water velocities