



The [Coir Silt Check](#) is **made of 100% coir** and includes a coir filtering body, **upstream filter aprons** and **downstream filter aprons**.

Together, these items work to create a perfect system for filtering, trapping and controlling sediment and erosion. These items are **often used as BMP's** for construction work and are biodegradable for natural erosion control.

Perfect for use in:

- Check Dams
- Construction Site Entrances
- Slope Reduction on Steep Slopes
- BMP's for Sediment Control

Typical Silt Check Specifications

(other sizes, materials, etc. available)

Product	Length	Unit Weight	Min. Functional Height	Upstream Filter Apron	Downstream Filter Apron
BioD-SiltCheck™9	7/15 ft. (2.1/4.6 m)	2.5 lb/ft (3.7 kg/m)	9 inches (23 cm)	8 inches (20 cm)	17 inches (43 cm)
BioD-SiltCheck™12	7/15 ft. (2.1/4.6 m)	3 lbs/ft (5 kg/m)	12 inches (30 cm)	10 inches (25 cm)	24 inches (60 cm)





Silt Check Specifications

The silt check is **made from all natural biodegradable materials** that help to prevent any harm to the environment during use. In addition, these wattles are incredibly easy to install and **require no removal after use**. This can save you time and makes erosion control easy, effective, and economical.

Silt Check Full Specifications		
Property	BioD-SiltCheck™ 9	BioD-SiltCheck™ 12
Length	7/15 ft (2.1/4.6 m)	7/15 ft (2.1/4.6 m)
Weight	2.5 lb/ft (3.7 kg/m)	3.0 lbs/ft (5.0 kg/m)
Mind. Functional Height	9 in (23 cm)	12 in (30 cm)
Upstream filter apron	8 in (20 cm)	10 in (25 cm)
Downstream filter apron	17 in (43 cm)	24 in (60 cm)
Single twine strength	60 lbs (265 N)	60 lbs (265 N)
Strength of outer net		
MD	780 lbs/ft (11.4 kN/m)	780 lbs/ft (11.4 kN/m)
CD	520 lbs/ft (7.6 kN/m)	520 lbs/ft (7.6 kN/m)
Intersecting points in the netting	Moveable	Moveable
Fillings in the aprons	Mattress coir liner	Mattress coir liner
Fillings in the body	Mattress coir fiber	Mattress coir fiber
Fiber used in the netting	Bristle coir	Bristle coir





Standard Specifications & Advantages

- Coir Body:** The coir body for this erosion control product is made from mattress coir fiber and is 100% biodegradable. This helps to filter out sediment, while simultaneously reducing the speed of flowing water. This allows the coir product to effectively retain sediment while still providing a water flow.
- Upstream Apron:** The upstream filter apron has fillings that are made from natural coir liner. When this silt check and apron have been properly installed, it can be successfully used to prevent undercutting.
- Downstream Apron:** The downstream filter apron is also made from natural coir liner. When successfully installed, this apron eliminates downstream erosion that can commonly occur when water flows over top of the device.
- Netting:** Netting for these coir logs are made from natural bristle coir. The intersecting points in this netting is movable, allowing you to create the exact length needed for your area.
- Installation:** Any coir wattle that is installed should be trenched in 3 to 4 inches. This will provide for a functional freeboard that is only 65% to 70% of the diameter of the wattle. These silt checks are made in heights of either 9 or 12 inches.
- Longevity:** The biodegradable silt check is designed to last anywhere from 2 to 4 years. Since it is made from natural products, it does not need to be removed from the area after use.

