



BioD-SiltCheck™ 9

Lightly packed coir siltchecks for sediment control

US Patent # 7,029,208

Completely Wildlife Safe!

Description

This is to certify that the BioD-Siltcheck™ 9 is consists of 9 in (23 cm) diameter cylindrical shape filter body with upstream and downstream filter aprons. The filter body of the coir silt check is made of high strength BioD-Mat 40 woven coir mat and is lightly packed with cleaned mattress coir fiber in a uniform manner to filter sediment effectively. The upstream filter apron is 8 in (20 cm) long and the downstream filter apron is 17 in (43 cm) long. These filter aprons are made with BioD-Mat 90 blanket. The BioD-Siltcheck™ 9 is made to 15 ft long sections. BioD-Siltcheck™ 9 coir silt checks are manufactured to conform to the following properties:

Specifications

Property	BioD-SiltCheck™ 9
Unit weight	2.5 lbs./ft. (3.7 kg/m)
Roll length	15 ft. (4.6m)
Minimum Functional Height	9 in. (23 cm)
Upstream filter apron	8 in. (20 cm)
Downstream filter apron	17 in. (43 cm)
Single twine strength	60 lbs. (265 N)
Strength of outer net Machine Direction (MD) Cross Direction (CD)	780 lbs./ft. (11.4 kN/m) 744 lbs./ft. (10.9 kN/m)
Intersecting points in the coir netting	Movable
Filling in the filter body	Mattress coir fiber
Fiber used in the netting	Bristle coir fiber



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