



BioD-SiltCheck™ 12

Lightly packed coir siltchecks for sediment control

US Patent # 7,029,208

Completely Wildlife Safe!

Description

This is to certify that the BioD-Siltcheck™ 12 consists of 12 in (30 cm) diameter cylindrical shape filter body with upstream and downstream filter aprons. The filter body of the coir siltcheck 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 10 in (25 cm) long and the downstream filter apron is 24 in (60 cm) long. The BioD-Siltcheck™ 12 is made to 15 ft long sections. BioD-Siltcheck™ 12 coir siltchecks are manufactured to conform to the following properties:

Specifications

Property	BioD-SiltCheck™ 12
Unit weight	3 lbs./ft. (5 kg/m)
Roll length	15 ft. (4.6m)
Minimum Functional Height	12 in (30 cm)
Upstream filter apron	10 in (25 cm)
Downstream filter apron	24 in (61 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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