



Agrotextiles



Biodegradables



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Wildlife



Living Walls &
Roofs



Accessories

The Intelligent Environmental Solution

Biobrane™ Drain Guard

Bio-Based | Compostable | Sustainable | Environmentally Friendly



Biobrane™ Drain Guards

Biobrane™ Drain Guards are designed to remove sediment and oil pollution from surface water running into gully drains from surrounding construction sites, farms, industrial estates, or other areas prone to storm water pollution and cleaning operations.

Biobrane™ Drain Guards are made from a unique high permeability non-woven, biodegradable, filter fabric that trap solids and absorbs hydrocarbons - but allow water to drain through.

The Drain Guards also incorporate bypass ports to further maintain flow into the drain during storm events.

Biobrane™ Drain Guards are uniquely made from a special plant based biopolymer, providing an environmentally responsible solution. They also incorporate sustainable materials that are fully compostable and biodegradable at end of use.

They are designed to be easily placed directly into the drain gully pot to filter out materials, as they flow into the drain without compromising drainage. They can trap up to 11kg of sediment, sand or debris as well as absorbing up to 2 litres of hydrocarbons.

Features/Benefits:

- Captures oil and sediment before it enters the drain
- Holds up to 11kg of sediment
- Absorbs up to 2 litres of hydrocarbons
- Easy installation and maintenance
- Universal fit
- Compact flat pack design minimises site storage space
- Designed to be used for up to 3 to 6 months under normal conditions



Application Categories: Sediment Pollution Control

Hy-Tex (UK) Limited
Aldington Mill, Mill Lane,
Aldington, Ashford, Kent
TN25 7AJ

01233 720097
sales@hy-tex.co.uk
www.hy-tex.co.uk
01233 720098



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Installation

1. Remove catch basin grating.
2. Clean dirt and debris from grating ledge.
3. Insert Drain Guard.
4. Reinstall grate. To insure maximum effectiveness, the Drain Guard skirt should be secured (pinched) between grating and ledge.
5. Cut any excess fabric off with a knife/scissors if desired.

Maintenance and disposal

6. The Drain Guard filters are designed to be used for up to 3 to 6 months under normal conditions.
7. When the unit has collected about 150mm (6 inches) of sediment it is recommended that it removed, emptied and reinstalled.
8. Biobrane™ Drain Guards should be inspected on a regular basis.
9. Where there is heavy contamination, or fine clay particles, present, the unit may have a reduced life expectancy.
10. If water does not freely drain through fabric the unit should be replaced.
11. The unit should also be replaced if free oil can be seen floating and is not being absorbed.

Feature	Biobrane™ Drain Guard
Application	Sediment Filter
Effective Pore Size	92 micron
Sediment Capacity	Approx 11kg
Hydrocarbon Capacity	Up to 2 litres
Permeability	46 litres/m ² /sec
Tensile Strength	6.5 kN/m
Material	PLA biopolymer non-woven, needle punched fabric. UV stabilised
Size	Skirt 90 x 80cm Trap 30 x 30cm x 25cm deep
Weight	280g each
Additional Features	Fully compostable and biodegradable. Made from sustainable plant based resources.

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