

# BIOBRANE™ PIPE SOCK

## PRODUCT DESCRIPTION

Biobrane™ Pipe Socks control pollution caused when pumping dirty water from excavations, and offers an economical alternative to traditional dewatering bags or filtration products.

These easy to use and popular sediment filters bags are ideal for small projects and minor pollution problems to control pollution from sediment and oil sheen in pumped dirty water. Designed to attach directly to the discharge pipe, they quickly filter water to help prevent unwanted sediment, silt, debris or pollutants leaving the site in run-off. The socks have been designed to control pollution caused by pumping dirty water from excavations, trenches, lift shafts, bunds and the like, by filtering out sediment from contaminated water down to 92 micron. Biobrane™ Pipe Socks are uniquely made from a special plant based biopolymer, providing an environmentally responsible solution by using sustainable materials that are fully compostable and biodegradable at end of use.



FEATURES	BIOBRANE™ PIPE SOCK
APPLICATION	SEDIMENT FILTER
EFFECTIVE PORE SIZE	92 micron
SEDIMENT CAPACITY	APPROX 18kg
HYDROCARBON ABSORPTION	up to 0.30 litres
PERMEABILITY	46 litres/m <sup>2</sup> /sec
TENSILE STRENGTH	6.5 kN/m
MATERIAL	PLA biopolymer non-woven, needle punched fabric. UV stabilised.
BAG SIZE	APPROX 1.20 x 0.30m lay flat
ADDITIONAL FEATURES	TYING CORD AND HYDROCARBON DETECTION STRIP

### FEATURES/BENEFITS:

- Low cost solution
- Simple set-up and use
- Hydrocarbon detection strip
- Ideal solution for minor pollution problems involving pumped water to control sediment entering the watercourses.
- 92 micron pore size
- Small and compact means little disruption to surrounding people/areas
- Made from sustainable plant based bio-polymer, which is compostable and fully biodegradable

### GUIDANCE:

- BIOBRANE™ Pipe Socks are designed for a 2 inch pump's maximum flow rate

### OIL DETECTION INDICATOR

If the strip turns **DARK BLUE**:  
**OIL PRESENT**  
 Stop pumping  
 Contact your environmental manager



### REGISTERED OFFICE ADDRESS

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1. TCS Geotechnics is a trading name of Technical Civils Solutions Ltd
2. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
3. It is the responsibility of all users to satisfy themselves that the above data is current.
4. The above figures are typical values obtained from testing to current EN ISO standards
5. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.

