

PRO-TEX™ DEWATERING BAGS

PRODUCT DESCRIPTION

Pro-Tex™ HighFlow Dewatering Bags provide an effective way to collect harmful peat based sediments from dirty water pumped out of excavation works (such as foundations, pipe line construction, water, sewer and utility trenches, waterways and lakes) that would otherwise pollute the surrounding environment.

Traditional settlement methods (such as straw bale structures or settlement ponds/tanks) are often ineffective, rely on slow water movement, long settlement times, expensive and time consuming tank maintenance and large working areas.

The small pore sizes of standard dewatering bags can clog quickly when pumping peat based sediment. Pro-Tex HighFlow bags were therefore developed to offer a practical compromise to cope with such conditions.



SPECIFICATIONS	PRO-TEX™ HIGH FLOW
TENSILE STRENGTH	32kN/m
PUNCTURE RESISTANCE (CBR)	3,700N
PERMEABILITY (ISO 11058)	190 l/m ² .s
OPENING SIZE (ISO 11058)	320µm
WEIGHT	145g/m ²
MATERIAL	500µ THICK, GREEN/BLACK, 450kly UV STABILISED, POLYETHYLENE, TEAR RESISTANT NON-FRAYING EDGES
BAG SIZE	34 X 97cm SOCKS 1.00m x 2.00, 3.00 and 4.00m bags

Pro-Tex HighFlow Dewatering Bags are an efficient, practical, quick, simple and cost effective alternative solution to manage this ongoing environmental problem of removing suspended solid pollutants from pumped water on construction sites.

Sediment-laden water is simply pumped into the high quality filter bags, which trap the solids inside and allow filtered water to flow freely out through the high-flow geotextile fabric to disperse into the surrounding ground or another collection point.

Pro-Tex HighFlow Dewatering Bags can also be used for gravity feed applications such as outfall pipes from site drainage or lagoons.

The silt filter bags provide a passive non-mechanical solution, without the use of excessive or specialist machinery (other than possible lifting equipment when full), and do not require a large work area.

The sediment bags are also light, compact and easy to store, with minimal cleaningup required - when full just dispose of the bag and replace with another bag.

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. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
5. Installation details are available on request.

REGISTERED OFFICE ADDRESS

Units 2 & 5 Tetbury Close
Martland Industrial Park
Wigan
Greater Manchester
WN5 0LA

