

GEOTEXTILE FILTERS

Installation of well liners, when the ground conditions are unquantified, still presents problems due to fine sands and silts that may be present. There is always a risk that these will migrate into the well and cause the well to silt up, which is far from ideal with the associated costs of re-drilling the failed well.

A practical solution to this common problem is the use of geotextile filters, which are applied over the slotted well liner. The benefits of these filters is that they allow for the unexpected that may be encountered during site investigation.

These geotextiles are highly chemical resistant, with a high tensile strength and a high transmissivity.



Geotextiles are available as:

- A geotextile wrap with an 85 micron pore size
- A geotextile sock with a nominal 200 micron pore size
- Supplied as required, or pre-fitted to pipe



Part No.	Pore Size	Weight	Thickness	CBR Test	Fall Cone Test	Permeability Coefficient	Litres/sec/m ²	Specific Weight	Trade Name
	micron	g/m ²	mm			cm/sec			
D85	85	140	0.95	1335	32	8×10^{-2}	150	0.9	F - 28
D150	150	125	0.97	1500	28	n/a	100	n/a	TER 1000
D200	200	160	1	n/a	n/a	48×10^{-2}	180	1.2	GEOSOCK
D260	260	130	n/a	2000	12	45×10^{-3}	45	1	HF - 400