

0.050-0.100	9.52	3.0	1.07	0.38	0.3	0.074	38.1	12.0	10.0	3.0	-	0.59
0.100-0.250	9.52	4.0	1.30	0.40	0.3	0.074	38.1	15.0	13.1	3.8	-	0.59
0.250-1.000	9.52	5.0	1.45	0.42	0.3	0.074	38.1	20.0	17.3	5.0	-	0.59

### 25.2.4 Geotextile Filter for Gravel Envelope

- A. Geotextile shall be of woven or non-woven ultra violet stabilised polypropylene fibre type.
- B. The geotextile shall have minimum properties as in the following table.

**Table 25-3: Minimum Requirements for Geotextile**

Physical Properties		
Weight	EN 965	140 g/m <sup>2</sup>
Thickness	2kPa EN 964-1	1.2 mm
Mechanical Properties		
Static puncture	EN/ISO 12236	
(CBR-test)	X	1500 N
Elongation		50 %
Wide-width tensile test		
(Strip-test, 200mm)	EN/ISO 10319	
Longitudinal direction		8.0 kN/m
Transverse direction		9.0 kN/m
Elongation at break		50 %
Dynamic perforation	EN 918	
Cone drop test		25.0 mm
Hydraulic Properties		
Water permeability	EN ISO 11058	
Without load:	Permittivity	2.9 sec <sup>-1</sup>
	Water flow	145.0 l/sec/ m <sup>2</sup>
Water permeability	Pr DIN 60500-4	
At 2 kPa	K <sub>darcy</sub>	20.0 m/sec x10 <sup>-4</sup>
	Water flow	160.0 l/sec/ m <sup>2</sup>
Pore size d <sub>90%</sub>	EN/ISO 12956	85.0 micron

## 25.3 Part 3 Execution

- A. Construction shall be as per BS EN 1610.

### 25.3.1 Examination

- A. The condition of the pipes and fittings shall be verified and examined for damage prior to laying.