

Land Drain Filter Sleeve Data Sheet

	40mm	50mm	60mm	80mm	92mm	100mm	128mm	160mm	200mm	250mm	300mm
Yarn Decitex	110	110	110	110	110	110	110	110	110	110	110
Colour	White	White	White	White	White	White	White	White	White	White	White
Cross Stretch (cm)	16-18	19-22	19-22	32-35	32-35	32-35	40-43	40-44	50-54	61-65	86-90.5
Applied Weight (Kgs/100m)*	1	1.1	1.2	2.4	2.6	2.6	3	3.5	7.7	9.7	11.4
Layflat Width (cm)	6	6	6	17	17	17	21	21	33	38	39

*These weights may vary by application procedure and O.D. of pipe.

Specification	Test Method	
Fibre		Polyester
Specific Gravity		1.3
Melt Point °C		260
O ₉₀ um		200
Thickness (mm)		1
Ball Burst (kpa)	ASTM D-3787	450
Mullen Burst	ASTM D-3786	690
Air Permeability (cm ³ /cm ³ /cm ³)	ASTM D-373	335
Water Flow Rate US gal/ft ² /min – 3” Head		700
Water Permeability (k) @ 3GPM m/s x 10-3		3
EOS US sieve (um)		425
Elongation at break	ASTM D-4632	75%



Effect of Sunlight	
Exposure to sunlight results in gradual reduction of the fabric strength. If exposure to direct sunlight is expected to be longer than 3 months, the product should be covered or bagged.	
Effect of Weak Acids	None
Effect of Strong Acids	Resistant
Effect of Weak Alkalines	None
Effect of Organic Chemicals	Resistant
Effect of Aqueous Salt Solutions	None