



COVER-ALL

Product Datasheet

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UNIT, 2 MLT HOUSE, 6 BRUNING
ROAD, Jacobs, Bluff

Coverall + Light Grey



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Coverall geotextiles are used in building and construction works for separation, filtration, drainage, protection, stabilization, and reinforcement. Coverall geotextiles are manufactured from virgin polypropylene fibers with added UV stabilizers. The basic strength of the Coverall geotextiles is obtained by needle-punching the PP fibers, which provides strong elastic bonding between fibers. Fibertex is highly durable and resistant to all naturally occurring soil alkalis and acids.

DURABILITY PROPERTIES				
UV			To be covered within 1 month after installation.	EN ISO 12224: 2000/ SANS 12224:2013
UV Stability			Min 70% retained strength after 500 hrs	ASTM D7238
Durability			Predicted to be durable for a service life of 100 years in natural soils with $4 \leq \text{pH} \leq 9$ and soil temperatures $\leq 25^\circ\text{C}$ on the basis of the results of test method EN ISO 13438 procedure A.	EN ISO 13348: 2004
PHYSICAL PROPERTIES				
Thickness	At 2 kPa	mm	0.7	EN ISO 9863:2016/ SANS 9863:2013
MECHANICAL PROPERTIES				
Static Puncture Strength	CBR Test	N	1,700	EN ISO 12236:2006/ SANS 12236:2013
Elongation at break		%	>45	EN ISO 12236:2006/ SANS 12236:2013
Tensile Strength	MD/CMD	kN/m	10/10	EN ISO 10319:2015/ SANS 1525:2013
Elongation at Break		%	40-65	EN ISO 10319:2015/ SANS 1525:2013
Dynamic Cone Drop		mm	28	EN ISO 13433:2006/ SANS 13433:2013
HYDRAULIC PROPERTIES				
Water Flow	50mm Water Head	l/s/m ²	77	EN ISO 11058:2010/ SANS 11058:2013
Permeability	50mm Water Head	m/s	0.07	EN ISO 11058:2010/ SANS 11058:2013
Permittivity	50mm Water Head	sec ⁻¹	1.55	EN ISO 11058:2010/ SANS 11058:2013
Pore Size	$\sigma_{90\%}$	micron	70	EN ISO 12956:2010/ SANS 12956:2013
ROLL DIMENSIONS				
Widths		m	1.3 , 1.7 , 2.6 , 5.2	
Length	Standard	m	150	