

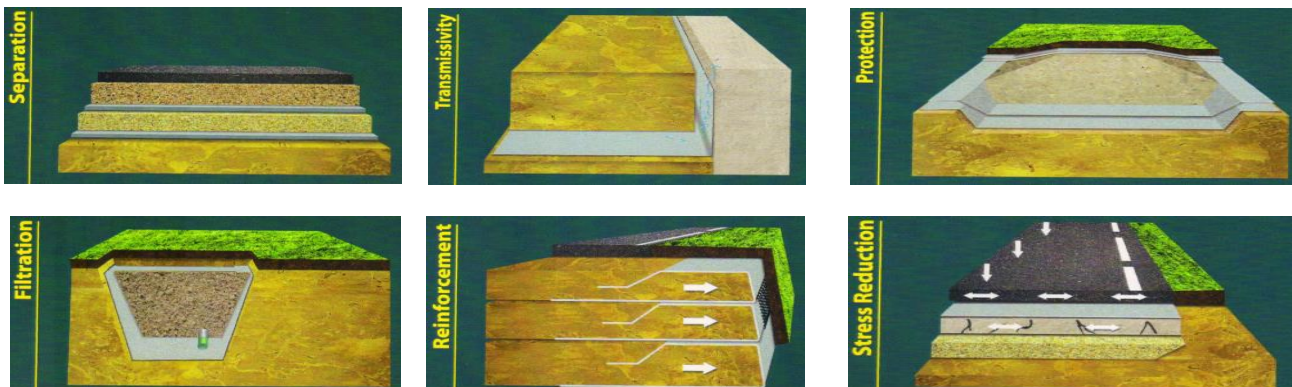


## BITUMODETEX POLYESTER NON WOVEN Product Datasheet polyester nonwoven

Properties	Standard	Unit	BITUMODETEX 100	Tolerance
<b>Mechanical properties</b>				
Tensile strength	ASTM D 4595	kN / m	4.0	-1.0
Elongation	ASTM D 4595	%	> 50	-
Grab Tensile Strength	ASTM D 4632	N	280	-50
Grab <b>Tensile Elongation</b>	ASTM D 4632	%	> 55	-
Trapezoidal Tear Strength	ASTM D 4533	N	110	-10
Puncture Strength (CBR)	ASTM D 6241	N	750	-50
<b>Physical properties</b>				
Mass/unit Area	ASTM D 5261	G/m <sup>2</sup>	100	±10
Thickness	ASTM D 5199	mm	1.0	-0.1
<b>Hydraulic properties</b>				
Flow Water Rate- 5cm head	ASTM D 4491	l/m <sup>2</sup> /sec	100	-20
AOS	ASTM D 4751	microns	100	+20
<b>Roll dimensions</b>				
Roll Width X length	-	m	2.95 X100	-

**BITUMODETEX 100** is a nonwoven geotextile manufactured from high quality UV stabilized polyester. The fibers are mechanically bonded through needle-punching process and also thermally bonded to form a strong, flexible and dimensionally stable fabric structure, with optimum pore sizes and high permeability.

**BITUMODETEX 100** is resistant to chemicals and biological degradation normally found in soils and is stabilized against degradation due to shorter exposure to ultraviolet radiation.



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