



# TMD 9000 BL

Year of last update: **2019**  
 Function: **Drainage**

**STRUCTURE:** TMD is an high density extruded polyethylene (HDPE) membrane, bonded to a filter geotextile.



## DRAINAGE CORE

		<i>tol</i>
Raw material	<b>HDPE</b>	
Studs for square meter	n/m <sup>2</sup> <b>2500</b>	

## FILTER GEOTEXTILES

						<i>tol</i>
Raw material					<b>PP WOVEN</b>	
Grab tensile	ASTM D 4632	kN	<b>1.55</b>	lbs	<b>350</b>	
AOS	ASTM D 4751	mm	<b>0.42</b>	US Sieve	<b>40</b>	
CBR puncture	ASTM D 6241	kN	<b>3.55</b>	lbs	<b>800</b>	

## PHYSICAL/ MECHANICAL CHARACTERISTICS

						<i>tol</i>
Thickness	ASTM D 1777	mm	<b>10.16</b>	in	<b>0.40</b>	
Compressive strength	ASTM D 1621	kN/m <sup>2</sup>	<b>862</b>	psf	<b>18000</b>	

Drain flow capacity MD		ASTM D 4716	gal/(ft*min)			-20%
<i>Hydraulic gradient</i>		<i>Contact</i>	<i>i = 0.04</i>	<i>i = 0.10</i>	<i>i = 1</i>	
Load: 420 psf		S/R	3.19	6.28	19.33	
" 1044 psf		S/R	2.95	4.64	16.00	
" 2088 psf		S/R	2.66	4.20	14.01	
" 4180 psf		S/R	2.13	3.67	13.14	

S/S: Soft/Soft Contact - S/R: Soft/Rigid Contact - R/R: Rigid/Rigid Contact

MD: Machine direction / CMD: Cross machine direction

## STANDARD DIMENSIONS

				<i>tol</i>
Roll width	ft	<b>4 - 6 - 8</b>		$\pm 3\%$
Roll length	ft	<b>50</b>		$\pm 2\%$
Rolls/pallet (40" x 48" pallet)	n	<b>6</b>		

Other sizes may be available upon request.

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