



# TMD 9200 BL

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

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



## LDPE FILM

Raw material	<b>LDPE</b>	<i>tol</i>
--------------	-------------	------------

## DRAINAGE CORE

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

## FILTER GEOTEXTILES

Raw material	<b>PP WOVEN</b>					<i>tol</i>
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

Thickness	ASTM D 1777	mm	<b>10.16</b>	in	<b>0.40</b>		<i>tol</i>
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

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

Other sizes may be available upon request.

Information given in this data sheet is to the best of our knowledge true and correct, however new research results and practical experience can lead up to revisions preformed without notice. No guarantee or liability can be drawn from the information mentioned herein. Furthermore, is not our intention to violate any patents or licences.



**TeMa North America llc**  
 395 Steeley Way - Kearneysville WV 25430 U.S.A.  
 Phone (304) 724 0200  
 e-mail: info@temanorthamerica.com  
 www.temanorthamerica.com