

PHIFER INCORPORATED

Revision: 09  
Effective Date: 20-Jan-14

TEXTILE LAB

TECHNICAL INFORMATION

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PRODUCT : PHIFERTEX, 42X14 .018/.025

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<u>CHARACTERISTIC</u>	<u>REFERENCE TEST METHOD</u>	<u>NOMINAL RESULTS</u>	
		<u>WARP</u>	<u>FILL</u>
1) YARN DIAMETER (inch)	TMS-TM-001	0.018	0.025
2) TENSILE STRENGTH			
A) CUT STRIP METHOD (lb)	ASTM D 5035	332	239
B) GRAB METHOD (lb)	ASTM D 5034	455	312
3) TEARING STRENGTH			
TRAPEZOID METHOD (lb)	ASTM D 1117	84	57
4) STIFFNESS (mg)	ASTM D 3656	567	638
5) STRETCH (%)	TMS-TM-002	1.7	0.8
SET (%)		0.3	0.1
6) MESH WEIGHT (oz/sq yd)	ASTM D 3776	16.0	
7) FABRIC THICKNESS (inch)	ASTM D 1777	0.037	
8) BOND STRENGTH (lb)	CS 248-64(5.5)	119	
9) OPENNESS/TRANSMITTANCE (%)	i7	6.9	
10) BLOCKING	FS L-S-125B(4.4.9)	Scale 1	
11) COLORFASTNESS TO 1200HRS Color Change According to AATCC Gray Scale	TMS-TM-003	All Colors 4 min	
12) MULLEN BURSTING STRENGTH(psi) Initial	FS L-S-125B(4.4.7)	>600	

Results listed are typical for the product and are for reference purposes only. This document cannot be used as a certification or specification.