

PHIFER INCORPORATED

Revision: 11
Effective Date: 20-Jan-14

TEXTILE LAB

TECHNICAL INFORMATION

PRODUCT : PHIFERTEX 17 X 11 STANDARD MESH PLAIN WEAVE

<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	0.025	0.025
2) TENSILE STRENGTH			
A) CUT STRIP METHOD (lb)	ASTM D 5035	287	174
B) GRAB METHOD (lb)	ASTM D 5034	350	220
3) TEARING STRENGTH			
TRAPEZOID METHOD (lb)	ASTM D 1117	85	52
4) YARN SLIPPAGE (lb)	ASTM D 4912	37	28
5) STIFFNESS (mg)	ASTM D 3656	596	366
6) STRETCH (%)	TMS-TM-002	2.0	2.0
SET (%)		0.4	0.3
7) MESH WEIGHT (oz/sq yd)	ASTM D 3776	11.4	
8) FABRIC THICKNESS (inch)	ASTM D 1777	0.037	
9) BOND STRENGTH (lb)	CS 248-64(5.5)	48	
10) OPENNESS/TRANSMITTANCE (%)	i7	36	
11) BLOCKING	FS L-S-125B(4.4.9)	Scale 1	
12) COLORFASTNESS TO 1200HRS	TMS-TM-003	All Colors 4 min	
Color Change According to AATCC Gray Scale			
13) MULLEN BURSTING STRENGTH(psi)	FS L-S-125B(4.4.7)		
Initial		490	

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