

Fibreglass - Standard 18x16 11 Mil Yarn 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	0.011	0.011
2) Tensile Strength			
A) Cut Strip Method (lb)	ASTM D 5035	91	78
B) Grab Method (lb)	ASTM D 5034	89	76
3) Tearing Strength			
Trapezoid Method (lb)	ASTM D 1117	11	10
4) Yarn Slippage (lb)	ASTM D 4912	28	26
5) Stiffness (mg)	ASTM D 3656	78	71
6) Mesh Weight (oz/sq yd)	ASTM D 3776	3.3	
7) Fabric Thickness (inch)	ASTM D 1777	0.013	
8) Bond Strength (lb)	CS 248-64(5.5)	32	
9) Openness/Transmittance (%)	TMS-TM-009	60	
10) Blocking	FS L-S-125B(4.4.9)	Scale 1	
11) Colourfastness to 1200hrs (Colour change according to AATCC gray Scale)	TMS-TM-003	All Colours 4 Min	
12) Mullen Bursting Strength (psi)	FS L-S-125B(4.4.7)		
A. Intial		97	
B. After 24hr H2O Soak		79	
C. After 24hr H2O Soak & 48hr Dry		92	
D. After 240hr Accelerated Wthr		95	

Because of the unknown climate, environmental and physical exposures that insect screening can be subject to, Flydor does not quantify a life expectancy. However, our products are engineered, lab tested and manufactured with quality ingredients, including ultraviolet inhibitors, that provide maximum longevity in normal circumstances.

Results listed are typical for the product and are for reference purposes only.

This document should not be used as a certification or specification.

Flydor Product Codes:

P1512.5 = 1.2m x 2.5m **P1212.5** = 1.2m x 50m **P1012.5** = 1.2m x 183m

0209.5 = 1.8m x 50m **0210.5** = 2m x 50m **P1018.5** = 1.8m x 183m

MM112.5 = 1.2m x 1m

(Effective Nov 2016)