

PRODUCT DATA SHEET

superflexSBS[®]

SF155PWH (White) SF155PBF (Buff)

USAGE: Cap APPLICATION: Cold Adhesive / Hot Asphalt

ASTM-D-6164-05 Grade G

Tested in Accordance with ASTM-D-5147



1 ENERGY STAR[®] (Version 2)

2 CRRC Title 24 If $\epsilon > 0.75$ Reflect = 0.70 min

3 CRRC Title 24 If $\epsilon < 0.75$ Reflect = $0.70 + 0.34 * (0.75 - \epsilon_{initial})$

Dimensions and Mass	Unit	ASTM Minimum			MBTechnology Nominal	
		Type 1	Type 2			
Reinforcement		Polyester Non-Woven Mat With or Without F/G Reinforcement (Asbestos-Free)				
Area	ft ²	110 Actual / 100 Coverage (excluding selvage)				
Roll Weight	lbs	-	-			95
Roll Length	feet + inches	-	-			33' 4"
Roll Width	inches	-	-			39.625
Selvage Width	inches	3	3			3.625
Thickness (Over All)	mil	130	130			133
Thickness (Selvage)	mil	-	-			93
Net Mass	lbs/100ft ²	75	90			86.3
Bottom Coating Thickness Heat Welding Applications	mil	N/A	N/A			32

Physical Properties	Unit	ASTM Minimum			MBTechnology Nominal	
		Type 1	Type 2			
Tensile Strength	lbs/in	50	70			MD 82
Max Load at 73.4°F (23°C):						CD 62
Tensile Strength (After Heat Cond)	lbs/in	50	70			MD TBD
Max Load at 73.4°F (23°C):						CD TBD
Tensile Strength	lbs/in	70	100			MD 108
Max Load at 0°F (-18°C):						CD 54
Tensile Strength (After Heat Cond)	lbs/in	70	100			MD TBD
Max Load at 0°F (-18°C):						CD TBD
Elongation at Max Load	%	35	50			MD 44
73.4°F (23°C):						CD 60
Elongation at Max Load (After Heat Cond)	%	35	50			MD TBD
73.4°F (23°C):						CD TBD
Elongation at Max Load	%	20	20			MD 16
0°F (-18°C):						CD 17
Elongation at Max Load (After Heat Cond)	%	20	20			MD TBD
0°F (-18°C):						CD TBD
Ultimate Elongation	%	38	60			MD 53
73.4°F (23°C):						CD 71
Ultimate Elongation (After Heat Cond)	%	38	60			MD TBD
73.4°F (23°C):						CD TBD
Tear Strength	lbs	55	70			MD 115
73.4°F (23°C):						CD 80
Low Temperature Flexibility (As Mfg) :	maximum	-18°C (0°F)	-18°C (0°F)			MD & CD -23°C (-9.4°F)
Low Temperature Flexibility (After Heat Cond) :	maximum	-18°C (0°F)	-18°C (0°F)			MD & CD TBD
Dimensional Stability:	% (max)	1	1			MD & CD < 0.50
Compound Stability:	°C	102	102			102
Granule Embedment:	grams	2 max	2 max			< 0.75
Reflectance (Initial) C-1549:	≥ 0.65 ¹	≥ 0.70 ²	≥ TBD ³			White - TBD Buff 0.266 _{ASTM-E-903}
Reflectance (3 Year Aged) C-1549 or E1918:	≥ 0.50 ¹	≥ TBD ²	≥ TBD ³			White - TBD Buff - TBD
Thermal Emittance (Initial) C-1371:	Report ¹	≥ 0.75 ²	≤ 0.75 ³			White - TBD Buff 0.95 _{ASTM-E-408}
Thermal Emittance (3 Year Aged) C-1371:	Report ¹	TBD ²	TBD ³			White - TBD Buff - TBD

Ultimate Elongation is reported at point where load has dropped down to 5% of its original max.

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