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# S31

## 8 X 112.5 Ft Straw Blanket

S31 is a 100% agricultural straw blanket stitched with one phone/degradable polypropylene net (.588x.5 inch or 1.49x1.27 cm mesh size). The “S” represents straw, the “3” represent that the blanket has an average of 300 grams/square meter or .5 lbs/sy, the “1” represents that the blanket is only netted on one side. The functional longevity of the blanket is approximately one year depending on moisture, light, and winter conditions. The blanket is sewn together with biodegradable multifilament thread.

PROPERTY	TEST METHOD	RESULT	
		<u>Imperial</u>	<u>Metric</u>
Thickness	ASTM D5100/ECTC	.971 in	9.4 mm
Resiliency	ECTC Guidelines	53%	53%
Mass/unit Area	ASTM D5261	0.64lbs/yd <sup>2</sup>	350 g/m <sup>2</sup>
Water Absorption	ASTM D1117/ECTC	553%	553%
Swell	ECTC Guidelines	10%	10%
Stiffness/Flexibility	ASTM D 1388/ECTC		>67699 mg-m
Light Penetration	ECTC Guidelines	7%	7%
Smolder Resistance	ECTC Guidelines	.04 x 3.6 in	
MD Tensile Strength	ASTM D5035/ECTC	3.8 x 4.2 lbs/in	
MD Elongation	ASTM D5035/ECTC	35.4 x 25.6%	35.4 x 25.6%
TD Tensile Strength	ASTM D5035/ECTC	50.4 lbs/ft	.7 kN/m
TD Elongation	ASTM D5035/ECTC	25.6%	25.6%