

**DeWitt Company, Inc.**  
**Woven Shade Cloth Specifications**

Percentage:	30	47	55	63	73	80
Construction:	13 x 10	12 x 10	14 x 11	17 x 13	20 x 13	20 x 17
Weight (oz/yd <sup>2</sup> ): ASTM D-3776	1.7	2.5	3.0	3.0	3.7	4.3
Air Porosity: ASTM D-737	700+ cfm	700+ cfm	700+ cfm	700+ cfm	700+ cfm	450+ cfm
Yarn:	Warp: Round Fill: Oval	Warp: Oval Fill: Round	Warp: Oval Fill: Round	Warp: Oval Fill: Round	Warp: Oval Fill: Round	Warp: Oval Fill: Oval
Tensile Strength: ASTM D-1682	Warp: 60 lbs Fill: 45 lbs	Warp: 100 lbs Fill: 70 lbs	Warp: 125 lbs Fill: 80 lbs	Warp: 160 lbs Fill: 61 lbs	Warp: 195 lbs Fill: 115 lbs	Warp: 230 lbs Fill: 165 lbs
Elongation: ASTM D-1682	Warp: 16% Fill: 15%	Warp: 14% Fill: 9%	Warp: 15% Fill: 9%	Warp: 14% Fill: 12%	Warp: 16.4% Fill: 11%	Warp: 15% Fill: 12%
Tear Strength: ASTM D-2261	Warp: 50 lbs Fill: 35 lbs	Warp: 70 lbs Fill: 55 lbs	Warp: 80 lbs Fill: 60 lbs	Warp: 105 lbs Fill: 33 lbs	Warp: 110 lbs Fill: 74 lbs	Warp: 90 lbs Fill: 70 lbs
Puncture Strength: ASTM D-3787	35 lbs	35 lbs	45 lbs	50 lbs	60 lbs	100 lbs
Burst Strength: ASTM D-3786	175 lbs/in <sup>2</sup>	230 lbs/in <sup>2</sup>	260 lbs/in <sup>2</sup>	220 lbs/in <sup>2</sup>	325 lbs/in <sup>2</sup>	435 lbs/in <sup>2</sup>

**Date 06/19/01. This data sheet supersedes all previously issued data sheets. The above properties are typical averages based on test data only.**

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