



# SAFE-N-SECURE MESH TECHNICAL DATA

PROPERTIES	TYPICAL MESH COVERS	SAFE-N-SECURE MESH COVERS	% INCREASE
Construction (yarns per in <sup>2</sup> )	34 x 20	39 x 20	
Weight in oz/yd <sup>2</sup> ASTM D-3776	4.0	4.8	<b>2%</b>
Gauge (mils) (thickness)	10.5	12.0	<b>14%</b>
Tensile Strength – Warp (lbs) (length) Grab method ASTM D-5034	237.3	280	<b>18%</b>
Tensile Strength – Fill (lbs) (width) Grab method ASTM D-5034	166.5	190	<b>14%</b>
Burst Strength ASTM D-3786	370	385	<b>4%</b>
Air Flow ASTM D-737	260 CFM	200 CFM	<b>Reduced</b>
Water Flow ASTM D-4491	260/gallon/ft <sup>2</sup> /min	165/gallon/ft <sup>2</sup> /min	<b>Reduced</b>
% Shade	87.0	91.0	<b>5%</b>
Tear Strength – Warp (lbs) (length) ASTM D-4533	86.1	100	<b>16%</b>
Tear Strength – Fill (lbs) (width) ASTM D-4533	67.3	70	<b>4%</b>

**The Safe-N-Secure mesh safety cover exceeds all of the performance standards as set forth in ASTM F-1346-91.**