

# TECH SHEET TYPICAL MESH VS DURAMESH II



Once again the innovators at Merlin Industries, Inc have raised the bar in standard safety cover material design. Merlin set the new standard in standard mesh with the release of Dura-Mesh in 2000. Now in 2014 Merlin once again redefines how a standard safety cover should perform. Dura-Mesh II is designed to wear better and last longer than any other standard mesh cover on the market.

	Typical Mesh Covers	Merlin's Dura-Mesh II	Value Change	Improvement Percentage
--	---------------------	-----------------------	--------------	------------------------

## Properties

<b>Abrasion Resistance</b> - Tensile Strength Retention, Warp, and Fill Avg. ASTM D-4886	146	400	254	174% More Resistant
<b>% Shade</b> ASTM D-6567	78%	95%	17	22% More Shade
<b>Tensile Strength</b> - Avg lbs/in ASTM D-5034	220	440	220	100% Stronger
<b>Tear Strength</b> - Avg lbs/in ASTM D-4533	83	138	55	66% Stronger
<b>Gauge</b> (mils) (thickness) ASTM D-5199	10.5	15	4.5	43% Thicker
<b>Weigh in oz/yd<sup>2</sup></b> ASTM D-3776	4.0	6.9	2.9	73% Heavier (50% less than typical solid cover materials)
<b>Burst Strength</b> - PSI ASTM D-3786	385	550	165	43% Stronger
<b>Filtration</b> - Average Micron ASTM F-316	135	85	50	37% Improvement
<b>Air Flow</b> - CFM ASTM D-737	520	75	445	86% Improvement

2-10-2020

The above values are typical and should not be used as minimum or maximum values. Seller makes no warranty, express or implied, concerning the product furnished hereunder other than at the time of delivery it shall be of the quality and specifications stated herein. ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS EXPRESSLY EXCLUDED AND, TO THE EXTENT THAT IT IS CONTRARY TO THE FOREGOING SENTENCE ANY IMPLIED WARRANTY OF MERCHANTABILITY IS EXPRESSLY EXCLUDED. Any recommendations made by the Seller concerning uses of applications of said product are believed reliable and seller makes no warranty of results to be obtained. This data sheet supersedes all previous data for this style and is subject to change without notice.