










Swimming Pool Safety Cover Technical Specifications

Our Mesh Pool Safety Covers has been tested and have met all of the ASTM standards required for **Safety Cover Certification**.

Our Professional Safety Covers meet or exceed [ASTM Standard F1346-91](#) (Performance for Safety Covers), when properly installed.

| Properties | Typical Mesh Covers | Propools Dura-Mesh Pool Safety Covers | Improvement Percentage |
|---|---------------------|---------------------------------------|--------------------------|
| Filtration - Average Microns ASTM F316-86 -  Passed | 135 | 90 | 50% |
| % Shade ASTM D-6567 -  Passed | 78% | 91% | 17% |
| Weight in oz/yd² ASTM D-3776 -  Passed | 4.0 | 5.7 | 43% |
| Gauge (mils) thickness -  Passed | 10.5 | 12.0 | 14% |
| Tensile Strength - Grab Method ASTM D-5034 -  Passed | 220* | 328* | 49% |
| Burst Strength ASTM D-3786 -  Passed | 384* | 530* | 38% |
| Air Flow ASTM D-737 -  Passed | 520 CFM | 185 CFM | 181% <u>Reduction</u> |
| Abrasion - Warp and Fill Average ASTM D-4886 -  Passed | 146* | 353* | 142% |
| Tear Strength - Warp and Fill Average ASTM D-4533 -  Passed | 83* | 128* | 54% |

The Above values are typical and should not be used as minimum or maximum values.

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*Denotes testing by outside vendor. GeoSyntec Consultants, 5775 Peachtree Dunwoody Road, Suite 11D, Atlanta, GA 30342

Sample size for tests performed at GeoSyntec Consultants=20 All other testing performed in SI Corporations GAI-LAP accredited laboratory.

Sample size for tests performed at SI Corporation Lab#35

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