



## Specification

# In-Ground Pool Vinyl

| Property                            | Specification    | Tolerance         | Test Method                  |
|-------------------------------------|------------------|-------------------|------------------------------|
| Thickness                           | 0.50mm - 0.75mm  | +/- 5%            | Micrometer (after embossing) |
| Width                               | As ordered       | -0" , +0.50"      | Off roll, relaxed            |
| Specific Gravity                    | 1.28 avg         | +/- 0.02          | D792                         |
| Tensile Strength                    | 2500 / 2300 psi  | Minimum           | D882                         |
| 100% Modulus                        | 1100 / 1100 psi  | +/- 150           | D882                         |
| Elongation                          | 300 / 300%       | Minimum           | D882                         |
| Tear Strength                       | 250 / 250 lbf/in | Minimum           | D1004                        |
| Hardness                            | 83               | +/- 3             | D2240 Shore A                |
| Dimensional Stability<br>*Snap back | -4.0%<br>+1.0%   | Maximum           | D1204, @158F                 |
| Water Extraction                    | +0.4%            | Maximum           | D1239, @room temperature     |
| Volatility                          | +0.8%            | Maximum           | D1203, @158F                 |
| Cold Crack                          | -25°F            | Minimum           | D1790                        |
| Microbial Resistance                | Pass             | No Growth / stain | G-21-85                      |
| Weatherometer, QUV                  | 1500 hours       | Pass              | G53                          |
| Chemical Resistance                 | Procedure 1      | Pass              | D543                         |
| Selvage Edge<br>(Printed Wall)      | 1/2"             | +/- 1/4"          | Or as specified              |
| Racetracking                        | 3.0" over 30ft.  | Maximum           | Measured                     |
| Abrasion                            | 300 cycles       | Pass              | D4158 Taber, 500g weight     |

**Brochure disclaimer:** All the test values are based on an average data in our lab and are believed to be true and accurate to the best of our knowledge.

This information does not constitute a warranty or guarantee, it will not relieve the user from the responsibility of the proper and safe use of the product.