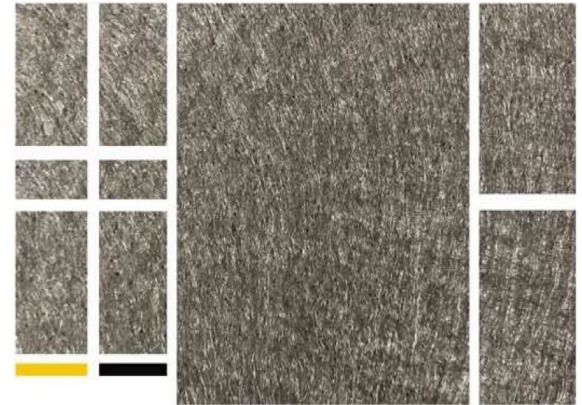


# NON-WOVEN GEOTEXTILE

## GT - 112



SKAPS GT-112 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-112 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. SKAPS GT-112 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.



SKAPS GT-112 conforms to the Minimum Average Roll Values (MARV) listed below:

| Property                                       | Method      | English (MARV <sup>2</sup> ) | Metric (MARV <sup>2</sup> ) |
|--|-------------|------------------------------|-----------------------------|
| Grab Tensile Strength                          | ASTM D 4632 | 300 lbs.                     | 1.334 kN                    |
| Grab Elongation                                | ASTM D 4632 | 50%                          | 50%                         |
| Trapezoid Tear Strength                        | ASTM D 4533 | 115 lbs.                     | 0.511 kN                    |
| CBR Puncture Resistance                        | ASTM D 6241 | 850 lbs                      | 3.780 kN                    |
| Permittivity <sup>4</sup>                      | ASTM D 4491 | 1.0 sec <sup>-1</sup>        | 1.0 sec <sup>-1</sup>       |
| Water Flow <sup>4</sup>                        | ASTM D 4491 | 75 gpm/ft <sup>2</sup>       | 3055 l/min/m <sup>2</sup>   |
| Apparent Opening Size (AOS) <sup>3&amp;4</sup> | ASTM D 4751 | 100 Std. U.S. Sieve          | 0.150 mm                    |
| UV Resistance                                  | ASTM D 4355 | 70%/500 hrs.                 | 70%/500 hrs.                |

### Packaging

|                         |                                |                                    |
|-------------------------|--------------------------------|------------------------------------|
| Roll Dimensions (W x L) | 12.5 x 360 ft.<br>15 x 300 ft. | 3.81 m x 109.8 m<br>4.6 m x 91.4 m |
| Area Per Roll           | 500 sq. yards                  | 418.3 sq. meters                   |

### Note

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV)
4. At time of manufacturing. Handling may change these properties.

*This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.*