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**Geotextile Product Description Sheet**  
**SKAPS GE-180**  
**Nonwoven Geotextile**

SKAPS GE-180 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GE-180 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GE-180 conforms to the physical property values listed below:

| PROPERTY                | TEST METHOD | UNIT  | M.A.R.V.<br>(Minimum Average Roll Value) |
|-------------------------|-------------|---|--|
| Weight                  | ASTM D 5261 | oz/yd <sup>2</sup> (g/m <sup>2</sup> )      | 8.0 (271)                                |
| Grab Tensile            | ASTM D 4632 | lbs (kN)                                    | 225 (1.0)                                |
| Grab Elongation         | ASTM D 4632 | %   | 50                                       |
| Trapezoid Tear Strength | ASTM D 4533 | lbs (kN)                                    | 90 (0.4)                                 |
| Thickness*              | ASTM D 5199 | mils (mm)                                   | 100 (2.5)                                |
| CBR Puncture Resistance | ASTM D 6241 | lbs (kN)                                    | 600 (2.67)                               |
| Permittivity*           | ASTM D 4491 | sec <sup>-1</sup>                           | 1.26                                     |
| Permeability*           | ASTM D 4491 | cm/sec                                      | 0.3                                      |
| Water Flow*             | ASTM D 4491 | gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> ) | 100 (4074)                               |
| AOS                     | ASTM D 4751 | US Sieve (mm)                               | 80 (0.18)                                |
| UV Resistance           | ASTM D 4355 | %/hrs                                       | 70/500                                   |

| PACKAGING                    |          |
|------------------------------|----------|
| Roll Dimensions (W x L) – ft | 15 x 690 |
| Square Yards Per Roll        | 1150     |
| Estimated Roll Weight – lbs  | 620      |

\* At the 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.

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**Made in U.S.A.**