



INDUSTRIAL FABRICS, INC.
Since 1981

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Geotextile Product Description Sheet

GT-160 Nonwoven Geotextile

GT-160 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GT-160 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GT-160 conforms to the physical property values listed below:

| PROPERTY | TEST METHOD | UNIT | M.A.R.V. (Minimum Average Roll Value) |
|-------------------------|-------------|---|--|
| Weight (Typical) | ASTM D 5261 | oz/yd ² (g/m ²) | 6.0 (203) |
| Grab Tensile | ASTM D 4632 | lbs (kN) | 160 (0.711) |
| Grab Elongation | ASTM D 4632 | % | 50 |
| Trapezoid Tear Strength | ASTM D 4533 | lbs (kN) | 60 (0.267) |
| CBR Puncture Resistance | ASTM D 6241 | lbs (kN) | 410 (1.82) |
| Permittivity* | ASTM D 4491 | sec ⁻¹ | 1.5 |
| Water Flow* | ASTM D 4491 | gpm/ft ² (l/min/m ²) | 110 (4480) |
| AOS* | ASTM D 4751 | US Sieve (mm) | 70 (0.212) |
| UV Resistance | ASTM D 4355 | %/hrs | 70/500 |

| PACKAGING | |
|------------------------------|-----------------------|
| Roll Dimensions (W x L) – ft | 12.5 x 360 / 15 x 300 |
| Square Yards Per Roll | 500 |
| Estimated Roll Weight – lbs | 195 |

* At the time of manufacturing. Handling may change these properties.

Made in U.S.A.

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