



600R Geotextile Specification Sheet

600R is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. 600R resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2-13.

Types of applications for 600R are: Light Coastal Applications / Abrasion Resistance Requirements / Cushion Requirements as well for plastic liners to avoid punctures in a plastic liner such as EPDM, PVC, HDPE.

600R: 24" (inches) maximum rip-rap size / Good abrasion resistance / Medium to high strength at high elongation.

| Property | ASTM Test Method | Value Metric Units |
|--------------------------------------|------------------|---------------------------------------|
| Typical Geotextile Properties | | |
| • Weight (Typical) | D 5261 | 260g / m ² (10 oz/sqyd) |
| • Grab Tensile Strength | D 4632 | 1110 N |
| • Grab Elongation | D 6432 | 50-105 % |
| • Tear Resistance | D 4533 | 444 N |
| • Puncture CBR | D 6241 | 3110 N |
| • Permittivity | D 4491 | 1.2 sec ⁻¹ |
| • Water Flow | D 4491 | 3251 l/min/m ² |
| • Apparent Opening Size | D 4751 | 0.180 mm |
| • U.V. Stability | D 4355 | 70% @ 500hrs |

