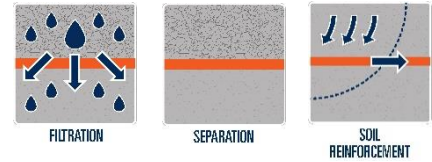


Mirafi® HP770PET



Mirafi® HP770PET geotextile is composed of high tenacity polypropylene yarns in the machine direction and high tenacity polyester multifilament yarns in the cross-machine directions which are woven into a stable network such that the yarns retain their relative position. Mirafi® HP770PET geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

| Mechanical Properties | Test Method | Unit | Minimum Average Roll Value | |
|-----------------------------------|-------------|---|----------------------------|-------------|
| | | | MD | CD |
| Tensile Strength (at ultimate) | ASTM D4595 | lbs/in (kN/m) | 600 (105.1) | 800 (140.1) |
| Tensile Strength (at 5% strain) | ASTM D4595 | lbs/in (kN/m) | 300 (52.5) | 350 (61.3) |
| Minimum Roll Value | | | | |
| Permittivity | ASTM D4491 | sec ⁻¹ | 0.7 | |
| Water Flow | ASTM D4491 | gal/min/ft ² (l/min/m ²) | 55 (2241) | |
| Maximum Opening Size | | | | |
| Apparent Opening Size (AOS) | ASTM D4751 | US Sieve (mm) | 30 (0.60) | |
| Minimum Test Value | | | | |
| UV Resistance (at 500 hours) (MD) | ASTM D4355 | % strength retained | 70 | |
| UV Resistance (at 250 hours) (CD) | ASTM D4355 | % strength retained | 50 | |
| Physical Properties | | | | |
| Roll Dimensions (width x width) | | ft (m) | 15 x 300 (4.5 x 91) | |

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