# SITEDRAIN™ SHEET 300 SERIES

## PRODUCT OVERVIEW

SITEDRAIN Sheet 300 Series geocomposite sheet drain products are composed of a dimpled polymeric core with a geotextile bonded to the dimple side. The geotextile allows water to pass through while retaining backfill materials. The solid core allows water collection from one side and provides a continuous flow path to designated drainage exits.

SITEDRAIN Sheet 300 Series products provide an economical solution for single-sided subsurface drainage applications requiring very high strength and moderate flow capacity. Various geotextile options are available to meet project-specific requirements.

## PROPERTY

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Unit of Measure</th>
<th>303</th>
<th>304</th>
<th>304-T</th>
<th>306</th>
<th>306-W</th>
<th>308</th>
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</thead>
<tbody>
<tr>
<td><strong>GEOTEXTILE</strong></td>
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<tr>
<td>Survivability AASHTO M288</td>
<td>lbs</td>
<td>100</td>
<td>135</td>
<td>150</td>
<td>195</td>
<td>430</td>
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<tr>
<td>Grab Tensile Strength ASTM D4632</td>
<td>N</td>
<td>445</td>
<td>601</td>
<td>667</td>
<td>887</td>
<td>1,914</td>
<td>1,068</td>
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<tr>
<td>Grab Elongation ASTM D4632</td>
<td>%</td>
<td>70</td>
<td>60</td>
<td>50</td>
<td>60</td>
<td>30</td>
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<tr>
<td>CBR Puncture ASTM D6241</td>
<td>lbs</td>
<td>305</td>
<td>365</td>
<td>295</td>
<td>505</td>
<td>800</td>
<td>580</td>
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<tr>
<td>Trapezoidal Tear ASTM D4533</td>
<td>lbs</td>
<td>50</td>
<td>60</td>
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<td>85</td>
<td>180</td>
<td>130</td>
<td>100</td>
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<tr>
<td>UV Resistance ASTM D4355</td>
<td>% / 500 Hrs</td>
<td>70</td>
<td>70</td>
<td>70</td>
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<td>Apparent Opening Size (AOS)</td>
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<td>0.180</td>
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<td>Permittivity ASTM D4491</td>
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<td>Water Flow Rate ASTM D4491</td>
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<td></td>
<td>Lpm / m²</td>
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<td>Compressive Strength ASTM D6364</td>
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<td>ASTM D1821</td>
<td>kPa</td>
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<tr>
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<td>mm</td>
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<td>In-Plane Flow Rate ASTM D4716</td>
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<td>Lpm/m</td>
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<td><strong>COMPOSITE</strong></td>
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<td>Roll Size MEASURED ft</td>
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<td>4 x 50</td>
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</table>

1. Unless otherwise noted, all physical and performance properties listed are Typical Value as defined in ASTM D4439.
2. PP = Polypropylene; NPNW = Needle-Punched Nonwoven; WM = Woven Monofilament; SBNW = Spunbonded Nonwoven
3. Values for AOS represent Maximum Average Roll Value (MaxARV).
4. In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

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