



PRODUCT TECHNICAL DATA SHEET

BIO-FILTER FABRIC

BIO-001

PRODUCT DESCRIPTION

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| Options | <p>BFF1: 33 sq.m. (360 sq.ft.) per roll</p> <p>BFF2: 67 sq.m. (720 sq.ft.) per roll</p> <p>BFF4: 134 sq.m. (1440 sq.ft.) per roll</p> <p>BFFM: Die-cut for Bio-Module</p> |
| Description | Highly permeable, non-woven, needle punched geo-textile separator |
| Material | Polypropylene staple fiber |



PRODUCT PROPERTIES

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| Roll Dimensions: (W x L x Diameter) | <p>BFF1: 0.30 m x 109 m x 0.30 m (1' x 360' x 1')</p> <p>BFF2: 0.60 m x 109 m x 0.30 m (2' x 360' x 1')</p> <p>BFF4: 1.20 m x 109 m x 0.30 m (4' x 360' x 1')</p> |
| (W x L) | BFFM: 381 mm (15") x 508 mm (20") |

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| Mechanical Properties | <p><i>Grab Tensile Strength, ASTM D4632:</i> 356 N (80 lb./ft.)</p> <p><i>Elongation, ASTM D4632:</i> 50%</p> <p><i>Trapezoid Tear, ASTM D4533:</i> 156 N (35 lb./ft.)</p> <p><i>CBR Puncture, ASTM D6241:</i> 979 N (220 lb./ft.)</p> <p><i>UV Stability, ASTM D4355:</i> 70%</p> |
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| Hydraulic Properties | <p><i>Permittivity, ASTM D4491:</i> 2.2 sec⁻¹</p> <p><i>Water Flow Rate, ASTM D4491:</i> 6519 l/min/m²(160 gpm/ft²)</p> <p><i>Apparent Opening Size ASTM D4751</i> 0.003346 cm (0.0085 inch)</p> |
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| Shipping Weight | <p>BFF: 41 kg (90 lb.) - 16 per pallet</p> <p>BFFT: 20.5 kg (45 lb.) - 32 per pallet</p> <p>Module: with Module</p> |
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| Fabric Thickness | 1.143 mm (45 mils) |
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| Fabric Weight | 109 g/m ² (3.2 oz/yd ²) |
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