



Ultra-Curb Guard Plus[®]

Part# 9248/9251 - Specification Sheet

| Peak Flow | |
|----------------------------|--------------|
| <u>Property</u> | <u>Value</u> |
| Peak Flow (gpm/ft) | 9.32 |
| Peak Flow (gpm) – 3' model | 28.0 |
| Peak Flow (gpm) – 4' model | 37.3 |
| Peak Flow (cfs/ft) | 0.021 |
| Peak Flow (cfs) – 3' model | 0.063 |
| Peak Flow (cfs) – 4' model | 0.084 |

| Turbidity | | Average Total Solids Values | |
|--------------------------|--------------|-----------------------------|--------------|
| <u>Property</u> | <u>Value</u> | <u>Property</u> | <u>Value</u> |
| Average Upstream (NTU) | 1410 NTU | Average Upstream (mg/L) | 2609 mg/L |
| Average Downstream (NTU) | 880 NTU | Average Downstream (mg/L) | 1579 mg/L |
| Average Percent Removal | 37.59% | Average Percent Removal | 39.48% |

| <u>Part#</u> | <u>Dimensions in. (mm)</u> | <u>Hydrocarbon Capacity gal. (L)</u> | <u>Weight lbs. (kg)</u> |
|--------------|------------------------------------|--------------------------------------|-------------------------|
| 9248 | 36 x 4 x 4 (914.4 x 101.6 x 101.6) | 1 (3.79) | 6 (2.7) |
| 9251 | 48 x 10 x 10 (1219.2 x 254 x 254) | 1.4 (5.3) | 8 (3.6) |

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Part# 9248/9251 - Outer Fabric Specifications

| Outer Fabric: Woven Monofilament | | |
|----------------------------------|-------------|-------------------------|
| Property | Test Method | Value |
| Grab Tensile Strength | ASTM D 4632 | 370x200 lbs. |
| Elongation | ASTM D 4632 | 15% |
| Puncture Strength | ASTM D 4833 | 90 lbs. |
| Mullen Burst Strength | ASTM D 3786 | 450 psi |
| Trapezoid Tear Strength | ASTM D 4533 | 115x75 lbs. |
| UV Resistance (at 500 hrs) | ASTM D 4355 | 90% |
| Apparent Opening Size (AOS) | ASTM D 4751 | 40 U.S. sieve |
| Percent Open Area | COE-02215 | 10% |
| Permittivity | ASTM D 4491 | 2.1 sec ⁻¹ |
| Water Flow Rate | ASTM D 4491 | 145 gpm/ft ² |

Note: The woven monofilament polypropylene geotextile that has been stabilized to resist degradation due to ultraviolet exposure, is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable.

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Part# 9248/9251 - Inner Fabric Specifications

| Inner Fabric: Ultra-X-Tex | | | |
|-----------------------------------|---------------|--|------------------------------------|
| Test | Method | Units Standard (Metric) | Result Standard (Metric) |
| Mass Per Unit Area | ASTM 5261 | oz/yd. (g/m) | 11.0 (341.16) |
| Grab Tensile MD | ASTM D-4632 | lbs (kg) | 118 (53.5) |
| Grab Tensile TD | ASTM D-4632 | lbs (kg) | 89 (40.4) |
| Elongation at Peak MD | ASTM D-4632 | percent | 131 |
| Elongation at Peak TD | ASTM D-4632 | percent | 172 |
| Wide Width Tensile MD | ASTM D-4595 | lbs/in (kg/cm) | 33 (5.89) |
| Wide Width Tensile TD | ASTM D-4595 | lbs/in (kg/cm) | 23 (4.11) |
| Elongation at Break MD | ASTM D-4595 | percent | 110 |
| Elongation at Break TD | ASTM D-4595 | percent | 156 |
| Mullen Burst | ASTM D-3786 | lbs/sq.in (kg/cm ²) | 214 (15) |
| Puncture Resistance | ASTM D-4833 | lbs (kg) | 72 (32.7) |
| Trapezoid Tear Strength MD | ASTM D-4533 | lbs (kg) | 64 (29) |
| Trapezoid Tear Strength TD | ASTM D-4533 | lbs (kg) | 45 (20.4) |
| Permittivity(Constant Head) | ASTM D-4491 | sec-1 | 2.02 |
| Permeability | ASTM D-4491 | cm/sec | 0.72 |
| Flow Rate | ASTM D-4491 | gal/ft ² /min. (L/m ² /min.) | 151 (6152) |
| Apparent Opening Size/micron | ASTM D-4751 | microns U.S. Sieve | 100 140/150 |
| Apparent Opening Size/micron | ASTM D-4751 | | |
| Hydrocarbon Capacity (nominal) | | gal/yd ² (L/m ²) | 1.5 (6.79) |