

## **NoFlood® Filter Material Specifications**

| Property   | Typical                               |
|--|---------------------------------------|
| <b><u>Materials</u></b>                            |                                       |
| Material   | Agrutex 8oz HUV Non Woven Geotextile  |
| <b><u>Physical</u></b>                             |                                       |
| Mass/Unit Area (g/m)                               | 8 - ASTM D-5261                       |
| Color  | Green                                 |
| <b><u>Mechanical</u></b>                           |                                       |
| Grab Tensile, lbs (N)                              | 205 - ASTM D-4632                     |
| Elongation, %                                      | 50 - ASTM D-4632                      |
| CBR Puncture, lbs (kN)                             | 600 - ASTM D-6241                     |
| Trapezoid Tear, lbs (N)                            | 95 - ASTM D-4533                      |
| <b><u>Endurance</u></b>                            |                                       |
| UV Resistance % Strength Retained after 2000 hours | 70 - ASTM D-4355                      |
| <b><u>Hydraulic</u></b>                            |                                       |
| Apparent Opening Size, US Sieve (mm)               | 80 US Std. Sieve - ASTM D-4751        |
| Permittivity, cm/sec                               | 1.5 sec-1 - ASTM D-4491               |
| Material Water Flow Rate, g/min/sf (l/min/m)       | 110 gpm/ft <sup>2</sup> - ASTM D-4491 |
| Hydrocarbons Capacity                              | 9x Its weight in hydrocarbons         |

### **NoFlood® Oil Testing Methods**

NoFlood® has been shown to remove more than 97% of a diesel motor oil mix @ (9.7g out of 10g) in a sample tank. Emulsified oils have been reduced by 96% (from 140ppm to 6ppm) at a flow rate of 100gal./min per 1 sq. ft section of Agrutex 120 HUV material. Per ASTM Method F726-81.