

Acceptable demarcation fabric for Clean Utility Corridors (CUC)

Must conform to the following requirements:

1. Non-woven geotextile
2. Made of polypropylene staple fibers that are needle punched
3. Orange in color
4. Resistant to biological degradation
5. Resistant to chemicals
6. Minimum Tensile Strength (ASTM D-4632): 175 pounds
7. Minimum Grab Tensile Elongation (ASTM D-4632): 70 pounds
8. Minimum CBR Puncture value (ASTM D-6241): 480 lbs
9. Minimum Trapezoidal Tear value (ASTM D-4533): 85 lbs
10. Minimum UV resistance at 500 hours (ASTM D-4355): 80%
11. Apparent Opening size (ASTM D4751): 70 U.S. Sieve
12. Maximum Water Flow Rate (ASTM D4491): 150 gpm/ft²
13. Permittivity range (ASTM D4491): 1.5 sec⁻¹ to 2.0 sec⁻¹

Acceptable Products:

1. Propex, Geotex 601 Orange DND or Geotex 801 Orange DND
2. Tencate, Mirafi 160NO
3. Carthage Mills, FX-60HS Orange or FX-80HS Orange
4. Or equal as approved by engineer