

Beltech 806

Silt Fence

Product Data Sheet

June 2014

A woven geotextile fabric, produced from polypropylene slit-film tapes, which will meet or exceed the following MARV's.

| Property | Test Method | English Units | | | SI Units | | |
|--|-------------|---------------|-----|-------------------------|----------|-----|----------------------|
| | | MARV | | | MARV | | |
| | | MD | CD | | MD | CD | |
| Grab Tensile Strength | ASTM D-4632 | 124 | 101 | lbs | 550 | 450 | N |
| Grab Tensile Elongation | ASTM D-4632 | 20 | 15 | % | 20 | 15 | % |
| Trapezoid Tear | ASTM D-4533 | 55 | 55 | lbs | 245 | 245 | N |
| Puncture | ASTM D-4833 | 75 | | lbs | 334 | | N |
| Permittivity | ASTM D-4491 | 0.5 | | sec ¹ | 0.5 | | sec ⁿ¹ |
| A.O.S. | ASTM D-4751 | 20 | | U.S. Sieve | 0.85 | | mm |
| Water Flow Rate | ASTM D-4491 | 35 | | gal/min/ft ² | 1426 | | l/min/m ² |
| Slurry Flow Rate (Typical Value) ** | ASTM D-5141 | 0.3 | | gal/min/ft ² | 12 | | l/min/m ² |
| Filtration Efficiency (Typical Value) ** | ASTM D-5141 | 80 | | % | 80 | | l/min/m ² |
| UV Resistance (500 hrs) | ASTM D-4355 | 80 | | % | 80 | | % |

** Performed by a third-party commercial laboratory



Produced in Belton, South Carolina, U.S.A.

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