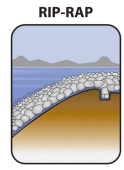


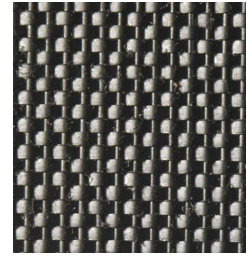


US 670

Woven Filtration



NTPEP APPROVED - GTX-2019-01-285. US 670 is a woven, monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. A Percent Open Area of 4 - 6%, gives it excellent hydraulic properties, while reducing the chances of clogging. US 670 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 670 will satisfy the requirements as outlined in AASHTO M-288-06 for Permanent Erosion Control & Subsurface Drainage Class 2 & 3 (>15% fines) and meets the following M.A.R.V. values except where noted:



| PROPERTY | TEST METHOD | ENGLISH | METRIC |
|--|--------------------|-------------------------|----------------------------|
| Grab Tensile Strength | <u>ASTM D-4632</u> | 370 x 250 lbs | 1,647 x 1,113 N |
| Elongation @ Break | <u>ASTM D-4632</u> | 15 % | 15 % |
| Wide Width Tensile Strength | <u>ASTM D-4595</u> | 2,700 x 1,740 lbs/ft | 39.4 x 25.4 kN/m |
| CBR Puncture | <u>ASTM D-6241</u> | 950 lbs | 4,228 N |
| Trapezoidal Tear | <u>ASTM D-4533</u> | 100 x 60 lbs | 445 x 267 N |
| Apparent Opening Size ^(1,2) | <u>ASTM D-4751</u> | 70 US Sieve | 0.21 mm |
| Permittivity ⁽¹⁾ | <u>ASTM D-4491</u> | 0.28 Sec ⁻¹ | 0.28 Sec ⁻¹ |
| Permeability ⁽¹⁾ | <u>ASTM D-4491</u> | 0.01 cm/sec | 0.01 cm/sec |
| Water Flow Rate ⁽¹⁾ | <u>ASTM D-4491</u> | 18 g/min/f ² | 733.4 L/min/m ² |
| Percent Open Area | CW-02215 | 4 % | 4 % |
| UV Resistance @ 500 Hours | <u>ASTM D-4355</u> | 90 % | 90 % |

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.

⁽²⁾ Maximum average roll value (MaxARV).

US 670 Shipping & Packaging Information

| SIZE | DIAMETER | WIDTH | WEIGHT | AREA | ROLLS PER TRAILER |
|------------|----------|-------|---------|--------------------|-------------------|
| 12' x 300' | 9" | 12' | 210 lbs | 400 y ² | 209 |
| 6' x 300' | 9" | 6' | 105 lbs | 200 y ² | 419 |

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