

Comtrac® P 80/80

COMTRAC® P 80/80 HIGH STRENGTH GEOTEXTILE FABRIC IS COMPRISED OF HIGH TENACITY POLYPROPYLENE YARNS WHICH ARE WOVEN INTO A STABLE NETWORK SUCH THAT THE YARNS RETAIN THEIR RELATIVE POSITIONS. THE FABRIC IS INERT TO BIOLOGICAL DEGRADATION AND NATURALLY ENCOUNTERED CHEMICALS, ALKALIES, AND ACIDS. COMTRAC® P 80/80 HIGH STRENGTH GEOTEXTILE CONFORMS TO THE MINIMUM AVERAGE ROLL VALUES LISTED IN THE FOLLOWING TABLE.

PHYSICAL PROPERTIES OF COMTRAC® P 80/80

| PROPERTY | TEST | ENGLISH units ¹ | SI units ¹ |
|---------------------------|-------------|----------------------------|--------------------------|
| | | MD x CMD | MD x CMD |
| Ultimate Tensile Strength | ASTM D-4595 | 456 x 456 lb/in | 80 x80 kN/m |
| Tensile Strength @ 2% | ASTM D-4595 | 75 x 100 lb/in | 13 x 17 kN/m |
| Tensile Strength @ 5% | ASTM D-4595 | 200 x 230 lb/in | 35 x 40 kN/m |
| Long Term Design Strength | GRI GT7 | 110 x 110 lb/in | 19 x 19 kN/m |
| Factory Seam Strength | ASTM D-4884 | 220 lb/in | 38.5 kN/m |
| Mass Per Unit Area | ASTM D-5261 | 12 oz/yd ² | 400 g/m ² |
| Grab Tensile Strength | ASTM D-4632 | 630 x 570 lb | 2.8 x 2.5 kN |
| Grab Tensile Elongation | ASTM D-4632 | 20% x 15% | 20% x 15% |
| Apparent Opening Size | ASTM D-4751 | 70 US Sieve | 0.212 mm |
| Permittivity | ASTM D-4491 | 0.2 sec ⁻¹ | 0.2 sec ⁻¹ |
| Burst Strength | ASTM D-3786 | 1000 psi | 6894 kPa |
| Flow Rate | ASTM D-4491 | 20 gal/min/ft ² | 810 l/min/m ² |
| Puncture Strength | ASTM D-4833 | 250 lb | 1.1 kN |
| Trapezoidal Tear Strength | ASTM D-4533 | 275 lb | 1.2 x 1.2 kN |
| UV Resistance (500 HRS) | ASTM D-4355 | 80% | 80% |

¹ Minimum average roll values are based on a 95% confidence level.

MD-Machine Direction CMD-Cross Machine Direction

Standard Roll Size: 5.2 m (CMD) x 100 m (MD)=520 m²/Roll

17.06 ft (CMD) x 328.1 ft (MD)=622 yd²/Roll

Weight (includes core) = 550 lbs (238 kg)

Each roll of Comtrac® delivered to the project site is labeled by Huesker with a roll label that indicates manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of Comtrac® are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and ultraviolet light. Contact Huesker for information on our material warranty.

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