

COMTRAC® P 80/80

HIGH STRENGTH GEOTEXTILE

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 METHOD	MARV ¹	
		ENGLISH units MD x CMD	SI units MD x CMD
Ultimate Tensile Strength	ASTM D-4595	450 x 450 lb/in	79 x 79 kN/m
Tensile Strength @ 2%	ASTM D-4545	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	607 x 517 lb	2.7 x 2.3 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	1100 psi	7580 kPa
Flow Rate	ASTM D-4491	20 gal/min/ft ²	540 l/min/m ²
Puncture Strength	ASTM D-4833	270 lb	1.2 kN
Trapezoidal Tear Strength	ASTM D-4533	292 lb	1.2 x 1.2kN/m
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

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.

