

Woven Stabilization and Separation Catalog Sheet

US Fabrics offers a complete line of woven geotextiles made of 100% high-tenacity polypropylene yarns. These fabrics satisfy a wide range of applications including: separation, stabilization and reinforcement



STANDARD

PROPERTY	<u>US 200</u>	<u>US 250</u>	<u>US 270</u>	<u>US 315</u>
Elongation @ Break ASTM D-4632	15 %	15 %	15 %	15 %
Weight ASTM D-5261	4 oz/y ²	5 oz/y ²	5.6 oz/y ²	6 oz/y ²
Pin Puncture ASTM D-4833	90 lbs	100 lbs	100 lbs	120 lbs
Trapezoidal Tear ASTM D-4533	75 lbs	90 lbs	100 lbs	120 lbs
CBR Puncture ASTM D-6241	700 lbs	750 lbs	850 lbs	900 lbs
Mullen Burst ASTM D-3786	400 psi	450 psi	500 psi	600 psi
Permittivity ASTM D-4491	0.05 Sec ⁻¹	0.05 Sec ⁻¹	0.05 Sec ⁻¹	0.05 Sec ⁻¹
Grab Tensile Strength ASTM D-4632	200 lbs	250 lbs	270 lbs	315 lbs
Water Flow Rate ASTM D-4491	5 g/min/f ²	4 g/min/f ²	4 g/min/f ²	4 g/min/f ²
UV Resistance @ 500 Hours ASTM D-4355	70 %	70 %	70 %	70 %
Apparent Opening Size ASTM D-4751	40 US Sieve	40 US Sieve	40 US Sieve	40 US Sieve

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