



# Ultra-X-Tex

## Material Specifications

<b>Test</b>	<b>Method</b>	<b>Units</b> Standard (Metric)	<b>Result</b> Standard (Metric)
Mass Per Unit Area	ASTM 5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	11.7 (397)
Grab Tensile MD	ASTM D-4632	lbs (kg)	118 (53.5)
Grab Tensile TD	ASTM D-4632	lbs (kg)	89 (40.4)
Elongation at Peak MD	ASTM D-4632	percent	131
Elongation at Peak TD	ASTM D-4632	percent	172
Wide Width Tensile MD	ASTM D-4595	lbs/in (kg/cm)	33 (5.89)
Wide Width Tensile TD	ASTM D-4595	lbs/in (kg/cm)	23 (4.11)
Elongation at Break MD	ASTM D-4595	percent	110
Elongation at Break TD	ASTM D-4595	percent	156
Mullen Burst	ASTM D-3786	lbs/sq.in (kg/cm <sup>2</sup> )	214 (15)
Puncture Resistance	ASTM D-4833	lbs (kg)	72 (32.7)
Trapezoid Tear Strength MD	ASTM D-4533	lbs (kg)	64 (29)
Trapezoid Tear Strength TD	ASTM D-4533	lbs (kg)	45 (20.4)
Permittivity(Constant Head)	ASTM D-4491	sec <sup>-1</sup>	2.02
Permeability	ASTM D-4491	cm/sec	0.72
Flow Rate	ASTM D-4491	gal/ft <sup>2</sup> /min. (l/m <sup>2</sup> /min.)	151 (6152)
Apparent Opening Size / micron	ASTM D-4751	microns U.S. Sieve	100 140/150
Hydrocarbon Capacity (nominal)		gal/yd <sup>2</sup> (l/m <sup>2</sup> )	1.5 (6.79)