

Beltech Geotextiles Specifications

Metric

Style	Test Method	307			880			777			883			884
Widths (m)		3.81	4.57	5.34	3.81	4.57	5.34	3.81	4.57	5.34	3.81	4.57	5.34	3.81
Length (m)		91.4			91.4			91.4			91.4			91.4
Gross Weight (kg)		42.7	51.8	60.0	62.7	75.0	86.8	75.9	91.8	109	85.4	102	120	119.1
Area (m ²)		349	418	487	349	418	487	349	418	487	349	418	487	349
Composition		Polypropylene			Polypropylene			Polypropylene			Polypropylene			Polypropylene
Grab Tensile (kN) Warp x Fill	ASTM D-4632	0.778 x 0.445			0.890 x 0.890			1.112 x 1.112			1.400 x 1.400			1.930 x 1.930
Elongation at Break (%) Warp x Fill	ASTM D-4632	20 x 15			15 x 15			15 x 15			15 x 15			20 x 20
Trap Tear (kN) Warp x Fill	ASTM D-4533	0.222 x 0.222			0.311 x 0.334			0.400 x 0.400			0.534 x 0.534			0.600 x 0.600
Mullen Burst (kPa)	ASTM D-3786	2206			2758			3792			4137			5860
Puncture Strength (kN)	ASTM D-4833	0.267			0.445			0.489			0.556			0.890
A.O.S. (mm)	ASTM D-4751	0.425			0.425			0.425			0.425			N/A
Permittivity (sec ⁻¹)	ASTM D-4491	0.050			0.070			0.050			0.050			N/A
Coefficient of Permeability (cm/sec)	ASTM D-4491	0.002			0.004			0.003			0.003			N/A
Water Flow Rate (L/sec/m ²)	ASTM D-4491	3.0			4.1			2.7			2.7			N/A
UV Resistance (%)	ASTM D-4355	70			70			70			70			70
70% (hr)	ASTM D-4632	2500			150			150			150			1200
AASHTO-M-288-NTPEP Tested		-			Class III			Class II			Class I			-
Color		Black			Grey			Grey			Grey			White

The foregoing is believed to be an accurate representation of information compiled from our in house testing lab and external testing laboratories. However, because test values, statistical data and other information presented may be based solely on results of unverified tests made on random samples, information presented may relate only to tested samples and because the conditions in which such information may be used are beyond the control of Belton Industries, Inc., Belton does not guarantee either the accuracy or reliability of the information or the suggestions and recommendations contained herein. Belton assumes no responsibility of the use of information presented herein and hereby disclaims all liabilities which may arise in connection with the use of information herein presented. All specifications, properties, values, statistical data and application listed herein are provided as information only, with out charge or obligation to the recipient or user, and in no way either makes or creates any warranty with respect to any product or modifies, amends or enlarges any warranty made with respect to any product. Final determination of the suitability, reliability and accuracy of the information and suggested uses is the sole responsibility of the user.