

Beltech 4.5 x 6.25

2159

Product Data Sheet

June 2015

A woven geotextile fabric, produced from polypropylene slit-film tapes, which will meet or exceed the following MARV's. This fabric is produced for use in Filtration and Dewatering application. Its sand color makes it more appealing than traditional black fabrics in many applications. The fabric is designed and engineered with 4 inch reinforced selvages to insure maximum fabricated seam strength.

Property	Test Method	English Units			SI Units		
		MARV			MARV		
		MD	CD		MD	CD	
Wide Width Tensile Ultimate	ASTM D-4595	450	622	lbs/in	79	109	kN/m
Wide Width Elongation	ASTM D-4595	20	18	%	20	18	%
Wide Width @ 2% - Typical	ASTM D-4595	25	135	lbs/in	4	24	kN/m
Wide Width @ 5% - Typical	ASTM D-4595	120	320	lbs/in	21	56	kN/m
Wide Width @ 10% - Typical	ASTM D-4595	320	n/a	lbs/in	56	n/a	kN/m
Trapezoid Tear	ASTM D-4533	250	300	lbs	1113	1335	N
CBR Puncture	ASTM D-6241	3000		lbs	13		kN
Puncture	ASTM D-4833	225		lbs	1001		N
Permittivity	ASTM D-4491	0.27		sec ¹	0.27		sec ⁻¹
Water Flow Rate	ASTM D-4491	20		gpm/ft ²	815		l/min/m ²
A.O.S.	ASTM D-4751	30		U.S. Sieve	0.6		mm
UV Resistance (1400 hrs) - Typical	ASTM D-4355	85		%	85		%
UV Resistance (1400 hrs) - MARV	ASTM D-4355	70		%	70		%
Pore Size Distribution (O ₅₀) ** - Typical	ASTM D-6767	140		U.S. Sieve	100		micron
Pore Size Distribution (O ₉₅) ** - Typical	ASTM D-6767	40		U.S. Sieve	395		micron

** Performed by a Third Party Laboratory



Produced in Belton, South Carolina, U.S.A.

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PO Box 127 · 1205 Hamby Road · Belton, South Carolina 29627

Phone 864.338.5711 / 800.845.8753 · Fax 864.338.5594 / 800.851.5049 · www.BeltonIndustries.com