

Beltech 4 x 6

Style 2159

Product Data Sheet

December 2018

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	400	600	lbs/in	70	105	kN/m
Wide Width Elongation	ASTM D-4595	19	16	%	18.5	16	%
Wide Width @ 2% - Typical	ASTM D-4595	35	150	lbs/in	6	26	kN/m
Wide Width @ 5% - Typical	ASTM D-4595	130	335	lbs/in	23	59	kN/m
Trapezoid Tear	ASTM D-4533	250	300	lbs	1113	1335	N
CBR Puncture	ASTM D-6241	2620		lbs	12		kN
Puncture	ASTM D-4833	215		lbs	957		N
Permittivity	ASTM D-4491	0.33		sec ¹	0.33		sec ⁻¹
Water Flow Rate	ASTM D-4491	23.7		gpm/ft ²	966		l/min/m ²
A.O.S. - Typical	ASTM D-4751	40		U.S. Sieve	0.425		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.

The foregoing is believed to be an accurate representation of information compiled from inside and/or outside sources, 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 for 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 applications listed herein are provided as information only, without 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 solely the responsibility of the user.