

# Beltech 4 x 6

## Product Data Sheet

June 2014

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	
Grab Tensile Strength - <b>Typical</b>	ASTM D-4632	600	700	lbs	2670	3115	N
Grab Tensile Elongation - <b>Typical</b>	ASTM D-4632	20	15	%	20	15	%
Wide Width Tensile Ultimate	ASTM D-4595	400	600	lbs/in	70	105	kN/m
Wide Width Elongation	ASTM D-4595	17	13	%	17	13	%
Wide Width @ 2% - <b>Typical</b>	ASTM D-4595	25 *	130 *	lbs/in	4.4 *	22.8 *	kN/m
Wide Width @ 5% - <b>Typical</b>	ASTM D-4595	90 *	300 *	lbs/in	15.8 *	52.5 *	kN/m
Trapezoid Tear	ASTM D-4533	250	300	lbs	1113	1335	N
CBR Puncture - <b>Typical Value</b>	ASTM D-6241	2500		lbs	11		kN
Puncture	ASTM D-4833	250		lbs	1113		N
Permittivity	ASTM D-4491	0.24		sec <sup>1</sup>	0.24		sec <sup>1</sup>
A.O.S.	ASTM D-4751	40		U.S. Sieve	0.425		mm
UV Resistance (1200 hrs) - <b>Typical</b>	ASTM D-4355	85		%	85		%
UV Resistance (1200 hrs) - <b>MARV</b>	ASTM D-4355	70		%	70		%
Water Flow Rate	ASTM D-4491	18.5		gpm/ft <sup>2</sup>	754		l/min/m <sup>2</sup>
Pore Size Distribution (O <sub>50</sub> ) **	ASTM D-6767	~ 175 *		U.S. Sieve	85 *		micron
Pore Size Distribution (O <sub>95</sub> ) **	ASTM D-6767	~ 50 *		U.S. Sieve	307 *		micron

\* Typical value rather than MARV

\*\* 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. The property values expressed are effective on the date shown above, supersede any values previously published, and are subject to change without notice.

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