

Beltech Silt Fence Specifications

Metric

Style	Test Method	939 / 945			935 / 936	937 / 940 / 941			896 Typical Values		
Widths (m)		0.61	0.91	1.22	0.91	0.61	0.91	1.22	0.61	0.91	1.07
Length (m)		91.4			91.4	91.4			91.4		
Gross Weight (kg)		11.3	12.3	16.3	13.2	6.8	10.4	14.1	5.6	8.6	10.0
Area (m²)		56	84	111	84	56	84	111	56	84	98
Composition		Polypropylene			Polypropylene	Polypropylene			Polypropylene		
Grab Tensile (kN) Warp x Fill	ASTM D-4632	0.556 x 0.467			0.534 x 0.445	0.556 x 0.449			0.556 x 0.356		
Elongation at Break (%) Warp x Fill	ASTM D-4632	15 x 10			15 x 5	15 x 10			20 x 15		
Wide Width (kN/m) Warp x Fill	ASTM D-4595	NA			NA	NA			1.969 x 1.181		
Elongation at Break (%) Warp x Fill	ASTM D-4595	NA			NA	NA			10 x 10		
Trap Tear (kN) Warp x Fill	ASTM D-4533	0.245 x 0.245			N/A	0.222 x 0.222/ 0.245 x 0.245/ 0.245 x 0.245			N/A		
Burst Strength (kPa)	ASTM D-3786	2068			1207	2068/1551/1551			1724		
Puncture Strength (kN)	ASTM D-4833	0.289			N/A	0.289			N/A		
A.O.S. (mm)(MAX)	ASTM D-4751	0.600			0.600	0.600			0.840		
Permittivity (sec⁻¹)	ASTM D-4491	0.100			NA	0.200			N/A		
Coefficient of Permeability (cm/sec)	ASTM D-4491	0.005			NA	0.100			N/A		
Water Flow Rate (L/Sec/M²)	ASTM D-4491	17/ 5.1			17	10.2/13.6/13.6			N/A		
UV Resistance @500 Hours (%)	ASTM D-4355 & ASTM D-4632	70			70	70			70		
Filter Efficiency (%)	VA DOT VTM-51	--			--	75			--		
Slurry Flow Rate (gpm/ft²)	VA DOT VTM-51	--			--	0.200			--		
AASHTO-M-288-NTPEP Tested		--			--	Yes			--		

Color	Black / Black+tape	Grey / Orange	Black/Black / Orange	Black
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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.