



**ULTRATECH**  
INTERNATIONAL, INC

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**ONE**  
CLARION

## Ultra-Trench Filter Boom<sup>®</sup>

### Specifications

#### Material Specifications - Absorbent (X-TEX)

<u>Property</u>	<u>Test Method</u>	<u>Units Standard (Metric)</u>	<u>Result Standard (Metric)</u>
Mass Per Unit Area	ASTM 5261	oz/yd. (g/m)	11.0 (341.16)
Grab Tensile MD	ASTM D-4632	lbs (kg)	118 (53.5)
Grab Tensile TD	ASTM D-4632	lbs (kg)	89 (40.4)
Elongation at Peak MD	ASTM D-4632	percent	131
Elongation at Peak TD	ASTM D-4632	percent	172
Wide Width Tensile MD	ASTM D-4595	lbs/in (kg/cm)	33 (5.89)
Wide Width Tensile TD	ASTM D-4595	lbs/in (kg/cm)	23 (4.11)
Elongation at Break MD	ASTM D-4595	percent	110
Elongation at Break TD	ASTM D-4595	percent	156
Mullen Burst	ASTM D-3786	lbs/in (kg/cm)	214 (15)
Puncture Resistance	ASTM D-4833	lbs (kg)	72 (32.7)
Trapezoid Tear Strength MD	ASTM D-4533	lbs (kg)	64 (29)
Trapezoid Tear Strength TD	ASTM D-4533	lbs (kg)	45 (20.4)
Permittivity(Constant Head)	ASTM D-4491	sec <sup>-1</sup>	2.02
Permeability	ASTM D-4491	cm/sec	0.72
Flow Rate	ASTM D-4491	gal/ft <sup>2</sup> /min. (L/m <sup>2</sup> /min.)	151 (6152)
Apparent Opening Size / micron	ASTM D-4751	microns U.S. Sieve	100 140/150
Hydrocarbon Capacity (nominal)		gal/yd <sup>2</sup> (L/m <sup>2</sup> )	1.5 (6.79)