



# **Specs on Silt Fence Materials**

**Version 1.1.0  
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## LB1010F

Property	Test Method	Typical Value	Minimum Average Roll Value
Grab Tensile	ASTM -D-4632	90x 95 Lbs	70 x 70 Lbs
Grab Elongation	ASTM -D-4632	18% x 18%	15% x 15%
Mullen Burst	ASTM -D-3786	190 psi	170 psi
Puncture	ASTM-D-4833	45 Lbs	40 Lbs
Trapezoid Tear	ASTM-D-4533	35 Lbs	25 Lbs
UV Resistance	ASTM-D-4355	200hr 70 %	200hr 70 %
AOS <sup>(1)</sup>	ASTM-D-4751	35-60 sieve	35sieve
Permittivity	ASTM-D-4491	0.09 sec <sup>-1</sup>	0.09 sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	6-10gal/min/ft <sup>2</sup>	8 gal/min/ft <sup>2</sup>

(1) max. average roll values

## LB1212F

Property	Test Method	Typical Value	Minimum Average Roll Value
Grab Tensile	ASTM -D-4632	120 x 140 Lbs	120 x 120 Lbs
Grab Elongation	ASTM -D-4632	20% x 15%	15% x 15%
Mullen Burst	ASTM -D-3786	265 psi	250 psi
Puncture	ASTM-D-4833	62 Lbs	55 Lbs
Trapezoid Tear	ASTM-D-4533	55 Lbs	50 Lbs
UV Resistance	ASTM-D-4355	400hr 70 %	400hr 70 %
AOS <sup>(1)</sup>	ASTM-D-4751	60 sieve	30-60sieve
Permittivity	ASTM-D-4491	0.08 sec <sup>-1</sup>	0.08 sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	5-8gal/min/ft <sup>2</sup>	5 gal/min/ft <sup>2</sup>

(2) max. average roll values

## LB2412G

Property	Test Method	Typical Value	Minimum Average Roll Value
Grab Tensile	ASTM -D-4632	160/120 Lbs	140/80 Lbs
Grab Elongation	ASTM -D-4632	18/13 %	15/12 %
Mullen Burst	ASTM -D-3786	300 psi	260 psi
Puncture	ASTM-D-4833	85 Lbs	75 Lbs
Trapezoid Tear	ASTM-D-4533	75/60 Lbs	70/50 Lbs
AOS <sup>(1)</sup>	ASTM-D-4751	40 sieve	40 sieve
Permittivity	ASTM-D-4491	0.13 sec <sup>-1</sup>	0.10sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	10gal/min/ft <sup>2</sup>	10gal/min/ft <sup>2</sup>

## LB200G

Property	Test Method	Typical Value	Minimum Average Roll Value
Grab Tensile	ASTM -D-4632	220/240Lbs	200Lbs
Grab Elongation	ASTM -D-4632	15%	15%
Mullen Burst	ASTM -D-3786	440 psi	400psi
Puncture	ASTM-D-4833	115 Lbs	95 Lbs
Trapezoid Tear	ASTM-D-4533	80/140 Lbs	75 Lbs
AOS <sup>(1)</sup>	ASTM-D-4751	40 sieve	40 sieve
Permittivity	ASTM-D-4491	0.06 sec <sup>-1</sup>	0.05sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	6 gal/min/ft <sup>2</sup>	4gal/min/ft <sup>2</sup>

## LB1210F

Property	Test Method	Typical Value	Minimum Average Roll Value
Grab Tensile	ASTM -D-4632	150 x 170 Lbs	124 x 124 Lbs
Grab Elongation	ASTM -D-4632	15% x 20%	15% x 20%
Mullen Burst	ASTM -D-3786	320 psi	300 psi
Puncture	ASTM-D-4833	80 Lbs	65 Lbs
Trapezoid Tear	ASTM-D-4533	80 Lbs	65 Lbs
UV Resistance	ASTM-D-4355	70 %	500hr70 %
AOS <sup>(1)</sup>	ASTM-D-4751	60 sieve	30 sieve
Permittivity	ASTM-D-4491	0.1 sec <sup>-1</sup>	0.1 sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	8-10 gal/min/ft <sup>2</sup>	8 gal/min/ft <sup>2</sup>

## LB1205F

Property	Test Method	Typical Value	Minimum Average Roll Value
Grab Tensile	ASTM -D-4632	150 x 160 Lbs	124 x 124 Lbs
Grab Elongation	ASTM -D-4632	20% x 20%	15% x 20%
Mullen Burst	ASTM -D-3786	320 psi	300 psi
Puncture	ASTM-D-4833	75 Lbs	65 Lbs
Trapezoid Tear	ASTM-D-4533	70 Lbs	65 Lbs
UV Resistance	ASTM-D-4355	70 %	500hr70 %
AOS <sup>(1)</sup>	ASTM-D-4751	60 sieve	30 sieve
Permittivity	ASTM-D-4491	0.1 sec <sup>-1</sup>	0.1 sec <sup>-1</sup>
Flow Rate	ASTM-D-4491	8-10 gal/min/ft <sup>2</sup>	8 gal/min/ft <sup>2</sup>