



Polylast Bunker Liner

Product Specification Sheet

1. MANUFACTURER

Polylast Systems, LLC
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MADE IN USA



Polylast Systems, LLC
US Patent Number 8,389,624 B2
Additional Patents Pending

2. PRODUCT DESCRIPTION

Polylast Bunker Liner is made from 100% recycled crumb rubber mixed with a proprietary and patented process (US 8,389,624 B2) of combining US binders and adhesives to produce a revolutionary new bunker liner system. Polylast Bunker Liner is a durable, prefabricated pad, that is delivered and ready to be installed by onsite employees, or preferred contractor, and comes standard with a manufacturer's (10) ten-year, unconditional, warranty. The thickness of the product is 3/8", the weight of the product is 1.7 lbs. per square foot and comes in rolls of 4' wide by various customizable lengths, typically at 25 feet lengths. Each prefabricated pad/roll weighs approx. 170 lbs. and can be easily lifted by a team of two.

3. TECHNICAL DATA

●ASTM D882: Tensile Strength

Maximum amount of stress on rubber product before failure.

<u>Sample No.</u>	<u>Force (lbs.)</u>	<u>Area (Sq. in.)</u>	<u>Tensile Strength (psi*)</u>
1	33.5	.575	58.3
2	28.5	.575	49.6
3	27.5	.575	47.6
4	30.5	.575	53.0
5	<u>26.5</u>	<u>.575</u>	<u>46.1</u>
Average	29.3	.575	50.9

*pounds/square inch

●ASTM D624: Tear Strength,

How well rubber, under tension, resists the growth of any cuts or tears.

<u>Sample No.</u>	<u>Force (lbs.)</u>	<u>Thickness</u>	<u>Tear Strength (pit*)</u>
1	12.4	.575	21.6
2	12.4	.575	21.6
3	7.6	.575	13.2
4	11.4	.575	19.8
5	<u>18.0</u>	<u>.575</u>	<u>31.3</u>
Average	12.4	.575	21.5

*pounds/inch of thickness

TECHNICAL DATA CONT.

- ASTM D3389: Abrasion Resistance, passed with <1.00 gram weight loss

The ability of rubber to resist surface wear caused by rubbing contact with another material, i.e., sand, mechanical rake, animals, humans, water, golf club strikes; also called accelerated wear test.

<u>Sample No.</u>	<u>Initial Sample Wt. (grams)</u>	<u>Wt. Loss (grams)/1000 cycles</u>	<u>% Wt. Loss*</u>
1	76.9443	.5585	0.73
2	81.9304	.5579	0.68
3	78.4557	.5491	0.70
4	67.9739	.5223	0.77
5	<u>80.6789</u>	<u>.5728</u>	<u>0.71</u>
Average	77.1966	.5521	0.72

*H-18 Wheels, 1000 gram load/wheel

- ASTM F925: Chemical Resistance, passed with no surface dulling, attack, or color change

The ability of rubber to resist stains and deterioration from 10 common harsh chemicals.

Stains	Surface Dulling	Surface Attack	Color Change
Rating	0-3	0-3	0-3
White Vinegar	0	0	0
Rubbing Alcohol (70%)	0	0	0
White Mineral Oil	0	0	0
Sodium Hydroxide (5%)	0	0	0
Hydrochloric Acid (5%)	0	0	0
Sulfuric Acid (5%)	0	0	0
Household Ammonia (5%)	0	0	0
Household Bleach (5%)	0	0	0
Disinfectant-phenol type (5%)	0	0	0
Unleaded Gasoline	0	0	0

4. INSTALLATION

Installation is fast and easy, only requiring the placement of the prefabricated pads, of which the seams are glued together; sod staples can be used on steep bunker faces, in addition to the glue. Polylast Bunker Liner does not require any special heavy equipment or certified installation crews. Typically, an in-house, four-man crew can install 1,000 square feet in approximately (1) one hour.

5. DELIVERY

Polylast Bunker Liners are delivered FOB Scottsdale, AZ.

6. AVAILABILITY AND COST

Bunker liner product, and C&S (Comfort and Safety) product for steps, bridges, and cart paths are priced accordingly based on location, size, and square footage, please contact PolylastGolf.com at 480-998-3033 or by email at info@PolylastGolf.com for more information.

7. TECHNICAL ASSISTANCE

Technical assistance may be obtained by contacting PolylastGolf.com at 480-998-3033, or by email at info@PolylastGolf.com.

8. SAMPLES

Samples may be obtained by contacting PolylastGolf.com at 480-998-3033 or by email at info@PolylastGolf.com.

9. MANUFACTURERS UNCONDITIONAL TEN (10) YEAR WARRANTY

The Manufacturer's Unconditional Ten (10) Year Warranty may be obtained by contacting Polylast at 480-998-3033 or by visiting www.PolylastGolf.com.



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