



Polylast Bunker Liner

Product Data 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 of combining US binders and adhesives to produce a revolutionary new bunker liner solution. Polylast Bunker Liner is a durable, prefabricated pad, that is delivered and ready to be installed by onsite employees, or your favorite contractor, and comes standard with a manufacturer's ten-year, unconditional, warranty. The thickness of the product is 3/8", the product weighs 1.7 lbs. per square foot, and comes in rolls of 4' wide by various customizable lengths.

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.

<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, example sand on top of bunker liner, 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 preformed pads, of which the seams are stapled and glued together. Polylast Bunker Liner doesn't require any special heavy equipment or certified installation crews. Typically a four man crew can install 1,000 square feet or more in less than an hour and thirty minutes.

5. **DELIVERY**

Polylast Bunker Liners are FOB Scottsdale.

6. **AVAILABILITY AND COST**

Please contact Polylast at 480-998-3033 or email info@PolylastSystems.com.

7. **TECHNICAL ASSISTANCE**

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

8. **SAMPLES**

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