

ENVIRO LINER® 3000 - GEOMEMBRANE

With its exceptional flexibility and endurance properties, Layfield's Enviro Liner® (EL) brand of geomembranes has been a trusted performer in our portfolio for many years. Available in four unique formulations, this series of geomembranes offers solutions for a wide range of containment applications.

Enviro Liner® 3000 is an economical lining material made from blended/reprocessed polyethylene resins selected for optimum performance at the lowest cost.

April 2023		Enviro Liner® 3000				
Style	ASTM	Enviro Liner® 3020 Smooth ¹	Enviro Liner® 3030 Smooth ²	Enviro Liner® 3040 Smooth ³	Enviro Liner® 3130 Textured ⁴	Enviro Liner® 3140 Textured ⁵
Thickness (Nominal)	D5199	20 mil 0.5 mm	30 mil 0.75 mm	40 mil 1.0 mm	30 mil 0.75 mm	40 mil 1.0 mm
Tensile Strength at Break	D6693	74 ppi 13 N/mm	114 ppi 20 N/mm	148 ppi 26 N/mm	45 ppi 8 N/mm	60 ppi 10 N/mm
Elongation	D6693	500%	500%	500%	100%	100%
Tear Resistance	D1004	11 lbs 49 N	16 lbs 71 N	22 lbs 98 N	14 lbs 62 N	20 lbs 89 N
Puncture Resistance	D4833	30 lbs 130 N	45 lbs 200 N	60 lbs 270 N	40 lbs 178 N	55 lbs 245 N
Low Temp Impact	D1790	-40°F -40°C	-40°F -40°C	-40°F -40°C	-40°F -40°C	-40°F -40°C
Dimensional Stability	D1204 Max Chng	<2.0%	<2.0%	<2.0%	<2.0%	<2.0%

² In Stock. Please call your Sales Representative for pricing and availability.

^{1, 3, 4, 5 and 6} Special Order. Please call Layfield Customer Service for more information.

Disclaimer: Layfield disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

For up-to-date technical information, be sure to visit us online at www.LayfieldGroup.com

ENVIRO LINER® 3000 - GEOMEMBRANE

April 2023

Enviro Liner® 3000 Shop Seam Strengths

Style	ASTM D6392	Enviro Liner® 3020 Smooth	Enviro Liner® 3030 Smooth	Enviro Liner® 3040 Smooth	Enviro Liner® 3130 Textured	Enviro Liner® 3140 Textured
Heat Bonded Seam Strength	25 mm (1") Strip	25 ppi 4.4 N/mm	36 ppi 6.3 N/mm	48 ppi 8.4 N/mm	36 ppi 6.3 N/mm	48 ppi 8.4 N/mm
Peel Adhesion Strength (Wedge Welded)	25 mm (1") Strip	FTB 18 ppi 3.2 N/mm	FTB 29 ppi 5.1 N/mm	FTB 39 ppi 6.8 N/mm	FTB 29 ppi 5.1 N/mm	FTB 39 ppi 6.8 N/mm

April 2023

Enviro Liner® 3000 Field Seam Strengths

Style	ASTM D6392	Enviro Liner® 3020 Smooth	Enviro Liner® 3030 Smooth	Enviro Liner® 3040 Smooth	Enviro Liner® 3130 Textured	Enviro Liner® 3140 Textured
Heat Bonded Seam Strength	25 mm (1") Strip	FTB 22 ppi 3.9 N/mm	FTB 29 ppi 5.1 N/mm	FTB 39 ppi 6.8 N/mm	FTB 29 ppi 5.1 N/mm	FTB 39 ppi 6.8 N/mm
Peel Adhesion Strength (Wedge Welded)	25 mm (1") Strip	FTB 19 ppi 3.3 N/mm	FTB 25 ppi 4.4 N/mm	FTB 33 ppi 5.8 N/mm	FTB 25 ppi 4.4 N/mm	FTB 33 ppi 5.8 N/mm

Disclaimer: Layfield disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

For up-to-date technical information, be sure to visit us online at www.LayfieldGroup.com