



Engineered Foam for Fabrication

Nonabrasive, shockproof
cushioning protection





Pregis manufactures quality extruded and laminated polyethylene foam plank to provide foam fabricators with endless design options.

PolyPlank® EXT Engineered Foam Plank

- Produced via an extrusion process which creates a uniform foam with excellent dimensional stability
- Cushions against repeated impacts and can be engineered with anticipated performance

PolyPlank EXT Typical Properties

Property	Test Method	Units	% of Compressive Strength	EXT180	EXT220 ²	EXT400	EXT600	EXT900
Type CID-AA-59136 ¹				Type I	Type I	Type III	Type IV	Type V
Compressive Strength ¹	ASTM D-3575 SUFFIX D	lb/in ²	25%	4 - 8	5 - 10	13 - 20	26 - 30	46
		lb/in ²	50%	14	13 - 16	16 - 24	36 - 43	62 - 70
Compressive Set ¹	ASTM D-3575 SUFFIX B	%	2hrs	21	22	22	24	24
		%	24hrs	19	16	16	1 ⁶	14
Nominal Density	ASTM D-3575 SUFFIX W	lb/ft ³	-	> 1.6	> 1.9	> 4.0	> 6.0	> 9.0

Note: ¹ Denotes properties specified in CID-AA59136; ² Available in anti-static and fire retardant

PolyPlank Kase Foam Plank

- Closed cell polyethylene foam for high end, reusable storage and shipping cases
- Higher cell count significantly improves aesthetics and structural integrity, especially for designs with thin wall sections



PolyPlank SFT Foam Plank

- Specially formulated to provide a “softer” polymer to reduce abrasion protecting “Class A” surfaces
- Unique foam die cuts and slices more easily than cross-linked foams and is generally more economical



PolyPlank LEL Foam Plank

- Contains less than 10% LEL VOC meeting military and other low residual blowing agent specifications



PolyPlank® LAM Engineered Foam Plank

- Extruded in varying thicknesses and laminated together for custom thickness or properties
- Laminated foam provides maximum cushioning, excellent dimensional stability and an economical foam plank

PolyPlank LAM Typical Properties

Property	Test Method	Units	% of Compressive Strength	LAM090	LAM120 ²	LAM170 ²	LAM220 ^{2,3}	LAM400
Compressive Strength ¹	ASTM D-3575 SUFFIX D	lb/in ²	25%	3.5 - 5	3.5 - 5	3 - 10	5 - 11	11 - 13
		lb/in ²	50%	9 - 12	10 - 13	12 - 15	14 - 17	23 - 25
Compressive Set ¹	ASTM D-3575 SUFFIX B	%	2hrs					
		%	24hrs	12 - 22	12 - 22	10 - 25	12 - 25	< 20
Nominal Density		lb/ft ³	-	> 0.9	> 1.1	> 1.5	> 2.0	4.3 - 4.5

Notes: ¹Certain densities meet Mil Spec CID-AA-59136. Contact your Account Representative for details. ²Available in anti-static. ³Also available as LMXT with similar properties as extruded.

PolyPlank Renew™ Engineered Foam Plank

- Made with a minimum of 60% post industrial content
- Sustainable solution with no extra cost



PolyPlank MDL™ Multi-Density Laminated Foam

- Patented design combines a thin-gauge, high-density PE top-skin with a high-performance, low-density PE foam base for a uniquely designed custom solution



The PolyPlank® family of products are available in standard and custom lengths. Widths range from 24" to 48", with thicknesses ranging from ½" – 13", densities from 1 to 9 pounds per cubic foot.

Products worth protecting deserve Pregis

We are a leading manufacturer of **innovative packaging solutions** and **protective products**.

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