

Engineered Foam for Fabrication

Non-abrasive, shock-resistant cushioning protection

Pregis®



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

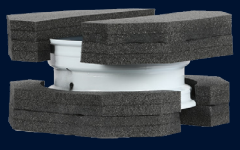
PolyPlank Kase™ Foam Plank

- 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



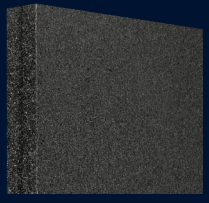
PolyPlank SFT Foam Plank

- 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

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

PolyPlank Renew® Engineered Foam Plank

- Non-abrasive, shock-resistant cushioning made with a minimum of 60% post-industrial recycled content
- Reduces virgin material use while delivering protective performance



PolyPlank Renew® XL Engineered Foam Plank

- Made with at least 98% pre-consumer recycled polyethylene, certified by SCS Global Services
- Provides cushioning, dimensional stability, shock and vibration protection



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" to 13" and densities from 1 to 9 pounds per cubic foot.

Pregis®

Products worth protecting deserve Pregis

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

We solve our customer's toughest business challenges with packaging so they can create customers for life. We do this by delivering **creative solutions to packaging challenges** and leveraging a material neutral portfolio.

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