

Pregis

PolyPlank® LEL

Closed cell polyethylene

Pregis PolyPlank® LEL is closed cell polyethylene foam which contains less than 10% LEL VOC meeting military and other low residual blowing agent specifications.

PolyPlank LEL is available in a variety of densities and formulations to provide the proper level of cushioning to protect against impact, vibrations and other potential hazards during the shipping or handling of military instruments.

Availability:

Densities:

- 2 lbs / cubic ft*
- 4 lbs / cubic ft
- 6 lbs / cubic ft
- 9 lbs / cubic ft

Color:

Charcoal black planks

Size:

2" x 24" x 108"

Other options include:

- Color variation, fire retardant and anti-static
- Also available in 2" x 48" x 108"

End-use applications

- Ammunition
- Instrumentation
- Weaponry
- Case foam



Products worth protecting deserve Pregis

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PolyPlank® LEL

PolyPlank LEL is specifically designed to meet or exceed the stringent requirements for today's military applications: Commercial Item Description A-A-59136 for Cushioning Material, Packaging, Closed Cell Foam Plank.

Physical Property	Specification	Test Method
Color	Industry visually acceptable	CID-A-A-59136, para. 3.8
Density	Type I – 2-to 9 pcf ±	ASTM D3575 - Suffix W - Method B
Compressive Strength	Type I – 4 –12 psi	ASTM D3575 - Suffix D
Compressive Set	Maximum 25% at 24 hours	ASTM D3575 - Suffix B
Water Absorption	Not greater than 0.1 psf	ASTM 3575- Suffix L
Constant Compressive Creep	Not greater than 10% loss	CID-A-A-59136, para. 3.10
Electrostatic Decay	Not greater than 2 second decay time	EIA Standard 541, Appendix F
Surface Resistivity	Not less than 1.0×10^5 , but not greater than 1.0×10^{12}	EIA Standard 541, Section 4.3
Dynamic Cushioning	Between upper and lower limits	ASTM D1596
Flammable Blowing Agent Content	Below 10% lower explosive limit (LEL)	Internal Method

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