

Product Identification

Grade: **Conolite® C1000 Series**

Conolite® C1000 Series laminates are flame retardant, fiberglass-reinforced polyester sheets. While similar to the A Series, the C1000 Series laminates have higher physical properties to meet different manufacturer specifications. These laminates are suitable for baggage compartment linings, bulkhead facings, and blowout panels.

Specification

Conolite® Cargo Liners meet or exceed the following material specifications:

Douglas	DMS 1946, Type 1 & Type 2
Lockheed	LAC 22.939A
Airbus	DAN 142

Technical Data (nominal values)

Property		Product Description					
		C1000.016	C1000.023	C1000.030	C1000.045	C1000.060	C1000.070
Thickness	(in.)	0.016	0.023	0.03	0.045	0.060	0.070
Weight	(lb/ft ²)	0.16	0.23	0.3	0.45	0.60	0.70
Tensile Strength							
Warp	(in-lb/3 in)	64,000	59,000	66,000	62,000	63,000	60,000
Fill	(in-lb/3 in)	48,000	44,000	54,000	51,000	52,000	50,000
Flexural Strength							
Warp	(psi)	NA	NA	62,000	68,000	72,000	74,000
Fill	(psi)	NA	NA	56,000	59,000	59,000	62,000
Flexular Modulus							
Warp	(psi)	NA	NA	3.1x10 ⁶	3.1x10 ⁶	3.2x10 ⁶	3.2x10 ⁶
Fill	(psi)	NA	NA	2.6x10 ⁶	2.7x10 ⁶	2.7x10 ⁶	2.7x10 ⁶
Impact Strength	(ft/lbs)	6	10	22	34	46	54
(Douglas pendulum)							
Water Absorption		0.85%	0.82%	0.78%	0.67%	0.54%	0.50%
Flammability		Meets requirements of FAR 25, Appendix F, Part III. FAA 8110-3 available for all liners.					

Limited Warranty

Subject to the limitations set forth below, Panolam® Industries International Inc. (Panolam) expressly warrants that our products are reasonably free of defects in material and workmanship, and when properly handled and fabricated will conform, within accepted tolerances, to applicable manufacturing specifications as set forth in our technical brochure. This warranty shall extend to the original buyer for a period of twelve (12) months from the date of shipment of this product by Panolam, and shall not be assignable by the original buyer. This warranty does not cover damage resulting from accident, misuse, alteration, abuse or lack of reasonable care.

Due to the variety of uses and applications to which this product may be put, and because the manufacturer has no control over the end products fabricated, the warranty set forth above is exclusive and in lieu of all warranties, expressed or implied, in fact or by operation of law or otherwise, or arising by course of dealing or performance, custom or usage in the trade, including, without limitation, the implied warranties of fitness for a particular purpose and merchantability, and Panolam shall have no obligation or liability to any person or entity in connection with or arising from the furnishing, sale, installation or repair, use or subsequent sale of any product supplied by it.

Our maximum liability arising out of the sale of the products or their use, whether based upon warranty, contract, tort or otherwise, shall not exceed the actual payments received by us in connection therewith. In no event shall we be liable for special, incidental or consequential damages, including, but not limited to, arising hereunder or from the loss of profits, or loss of use damages, sales of the products.

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