

Product Identification

Grade: **Conolite® FE1000 Series**

Conolite® FE1000 Series laminates are flame retardant, fiberglass-reinforced polyester laminates. Their high strength is coupled with advanced abrasion resistance while maintaining excellent weight properties. Initially developed for air cargo operations, FE1000 has now been introduced into OEM and commercial applications where outstanding wear is desired. These laminates are suitable for baggage compartment linings and bulkhead facings.

Specification

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

Boeing BMS 8-2, Class 3, Grade A

Technical Data (nominal values)

Property		Product Description			
		FE1000.020	FE1000.030	FE1000.045	FE1000.060
Thickness	(in.)	0.020 ± 0.002	0.017 ± 0.003	0.044 ± 0.004	0.060 ± 0.006
Max Weight	(lb/ft ²)	0.21	0.28	0.5	0.6
Tensile Strength					
Warp	(in-lb/3 in)	84,600	82,400	79,700	78,400
Fill	(in-lb/3 in)	76,700	71,600	69,600	68,200
Edge Bearing					
Warp	(psi)	22,000	25,000	31,000	33,000
Fill	(psi)	17,000	20,000	27,000	28,000
Impact Strength (ft lbs)					
BMS Method		10	12	18	20
DMS Method		46	48	Exceeds 58	Exceeds 58
Water Absorption		0.90%	0.90%	0.90%	0.90%
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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