

Material Specification Sheet**Product:**

VFG - Valeron® Flame Retardant – Gloss

Description:

A 3-mil high strength gloss white thermal transfer polyolefin facestock with an aggressive flame retardance permanent acrylic adhesive and a supercalendered bleached kraft liner that has a release coating.

Recommended Applications:

This material is recommended for transportation applications where survivability of information is essential. Typically used in passenger compartments. Complies with FMVSS No. 302 and NFPA 709.

Facestock:

A high strength gloss white Valeron® thermal transfer polyolefin film facestock with a specially formulated coating that has been tested and certified for vertical flame-retardant characteristics.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		3.0	mil	ASTM D-374
Tensile:	MD	22	lbs/in ²	ASTM D-882
	TD	22	lbs/in ²	ASTM D-882
Tear:		2,500	grams	ASTM D-1922
Elongation:		100	%	ASTM D-412
Flame Resistance:		Certified	49CFR571.302, DOT/FMVSS No. 302 Section S5	

Adhesive:

An aggressive flame retardant permanent acrylic adhesive.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Minimum Application temp:		> 35	°F	
Service temp:		-20 to +220	°F	
Shear:		60	minutes	PSTC-7
180° Peel:		2.5	lbs/in	PSTC-101
Loop Tack:		4.0	lbs/in ²	PSTC-16
Coating Thickness:		0.75	mil	ASTM D-374

Liner:

A supercalendered bleached kraft liner with a release coating.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		50	lbs/ream	TAPPI
Caliper:		3.2	mil	ASTM D-374
Tear:	MD	52	grams	ASTM D-1922
	CD	57	grams	ASTM D-1922
Moisture:		3.5	% by weight	ASTM D-644
Release:		30 (+/- 15)	grams	PSTC-4

Shelf Life:

One year, under standard storage and humidity conditions

PRODUCT DISCLAIMER

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

