

**Material Specification Sheet****Product:**

M-VFR

**Description:**

A 3.0 mil, high-strength, matte-white, Valeron® thermal transfer polyolefin facestock with a specially formulated coating that has been tested and certified for vertical flame-retardant characteristics. It features an aggressive flame-retardant permanent acrylic adhesive and a 50#, 3.2 mil 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, matte-white, Valeron® thermal transfer polyolefin film facestock.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Caliper:		3.0	mil	ASTM D-374
Tensile:	MD	22 Ave.	lbs/in <sup>2</sup>	ASTM D-882
	CD	22 Ave.	lbs/in <sup>2</sup>	ASTM D-882
Elongation:		100	%	ASTM D-412
Tear:		2500	grams	ASTM D-1922
Flame Resistance:		"0" Flame/"20 Smoke		E-84

**Adhesive:**

An aggressive, flame-retardant, permanent acrylic.

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

**Liner:**

A 50#, 3.2 mil supercalendered bleached kraft liner with a release coating.

		<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Basis Weight:		50	lbs/ream	ASTM D-374
Caliper:		3.2	mil	ASTM D-1922
Tear:	MD	52	grams	ASTM D-1922
	CD	57	grams	TAPPI
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.

