



Valéron Strength Films
 9505 Bamboo Rd.
 Houston, Texas 77041
 Tel. 713-462-6111
 Fax 713-690-2746
 1-800 VALERON
 www.valeron.com

VALÉRON® FILM

Oriented and cross-laminated high-density polyethylene film with outstanding strength, elongation and barrier characteristics.

Product Description: White VALÉRON® FILM w/TiO2 & UV (VAXXX030)

TYPICAL DATA SHEET

	<u>UNITS</u>	<u>2.5 Mil</u>	<u>3.0 Mil</u>	<u>3.5 Mil</u>	<u>4.0 Mil</u>	<u>4.5 Mil</u>	<u>6.5 Mil</u>	<u>8.6 Mil</u>	<u>TEST METHOD</u>
PRODUCT NUMBER		VA025030	VA030030	VA035030	VA040030	VA045030	VA065030	VA086030	
REPLACES PRODUCT NUMBER		2523 2501 2541	3001 3023	3501 3523 71570	4001 4023 4047 4523	4523 72061 4503	71494	71607 71445	
NOMINAL GAUGE	microns	63	75	88	100	113	163	218	Continuous Gauging
avg	mils	2.5	3.0	3.5	4.0	4.5	6.5	8.6	
YIELD	lbs/msf sq.in./lb	12.5 11,520	14.0 10,285	16.3 8,835	18.0 8,000	21 6,860	30.3 4,750	41 3,500	Approximate
TENSILE STRENGTH AT BREAK	lbs/1" width psi	21 8,500	22 7,500	25 7,200	28 7,100	30 6,750	42 6,470	47 5,470	ASTM D-882
ELONGATION AT BREAK	min. %	100	100	100	100	100	100	100	ASTM D-882
TOYO IMPACT (SPHERICAL HEAD)	kg-cm	80	95	110	130	135	200	240	ASTM D-781 (VSF Method)
PUNCTURE-PROPAGATION TEAR RESISTANCE	grams	2,000	2,500	3,500	4,000	4,100	6,500	8,000	ASTM D-2582
TONGUE TEAR (TEAR PROPAGATION)	lbs	3.5	3.8	4.2	5.5	5.8	9.4	11	ASTM D-1938
GRAVES TEAR (UNINITIATED TEAR)	lbs	5.8	6.4	6.5	6.8	8.0	13.4	17	ASTM D-1004
WVTR	gm/100in ² /24hrs. @ 100° F	.17	.15	.12	.10	.09	.075	.047	ASTM E-96
USE TEMPERATURE	200° F Maximum, -70° Minimum								
ADDITIVES	White Pigment & U V Stabilizer								
FDA STATUS	All components in compliance w/ Title 21, CFR 177.1520 (c) 3.1								

May 14, 2001

The information contained in this data sheet is to our best knowledge, true and accurate. Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent. VALÉRON STRENGTH FILMS MAKES NO WARRANTIES AS TO THE FITNESS OR MERCHANTABILITY OF ANY PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations, and disclaims all liability for resulting loss or damage.