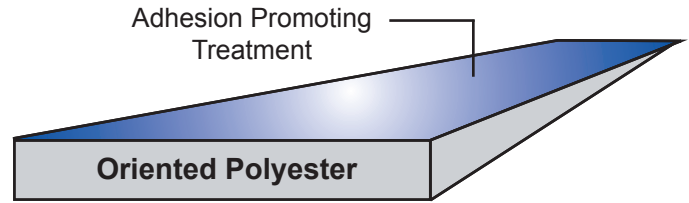


Skyrol® Type SP81 Chemically Pretreated Film



Product Features

DESCRIPTION: A one side chemically treated polyester film with improved adhesion to solvent-based inks and coatings. Widely accepted for many flexible packaging applications, especially for those requiring high quality printing.

FEATURES:

- One Side Chemically Treated
- Improved Solvent Based Ink Adhesion

APPLICATIONS:

- Flexible Packaging Laminations

Property		Value			Unit	Test Method
Physical Properties						
Thickness		48	92	142	gauge	
Yield		41,254	21,524	13,945	in ² /lb	
Tensile Strength	MD	36,000	43,000	36,000	PSI	ASTM D 882
	TD	36,000	38,000	36,000		
Elongation	MD	140	115	170	%	ASTM D 882
	TD	110	115			
COF (film to film)	Static	0.5	0.42	0.50		ASTM D 1899
	Kinetic	0.4	0.30	0.35		
Surface Tension	Treated	38			dyne/cm	ASTM D 2578
	Plain	42				
Thermal Properties						
Shrinkage	MD	1.8	2.0	1.8	%	150°C x 30 min
	TD	0.6	1.2	0.6		
Optical Properties						
Haze		2.1	3.5		%	ASTM D 1003
Light Transmission		94	90	92	%	ASTM D 1003
Gloss		165	163	162	%	ASTM D 2457
Barrier Properties						
WVTR		2.7			g/100in ² /24hrs	ASTM F 372
OTR		6.7			cc/100in ² /24hrs	ASTM D 1434

* All values +/- 10%

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Standard Roll Sizes

Available Core Sizes →		3" or 6"	3" or 6"	3" or 6"	6"	6"	6"
Approximate Roll OD →		9.50	11.00	13.00	18.75	22.00	25.50
Roll Weight Multiplier →		3	4.5	6.0	12	18	24
Gauge	Microns	Approximate Roll Lengths					
48	12	10,000	15,000	20,000	40,000	60,000	80,000
60	15	8,000	12,000	16,000	32,000	48,000	64,000
75	19	6,400	9,600	12,800	25,600	38,400	51,200
92	23	5,217	7,826	10,435	20,870	31,304	41,739
142	36	3,380	5,070	6,761	13,521	20,282	27,042
200	50	2,400	3,600	4,800	9,600	14,400	19,200
300	75	1,600	2,400	3,200	6,400	9,600	12,800
400	100	1,200	1,800	2,400	4,800	7,200	9,600
500	125	960	1,440	1,920	3,840	5,760	7,680
700	175	686	1,029	1,371	2,743	4,114	5,486
1000	250	480	720	960	1,920	2,880	3,840
14000	350	343	514	686	1,371	2,057	2,743

*Non-standard roll lengths/OD's are available on special request.

Roll Weight Estimator = (width of roll in inches) X (Roll Weight Multiplier at desired OD)

Available Widths

- Most films are available in roll widths from ¼ inch to 80 inches

Minimum Order Quantities

- Minimum order quantity is 500 lbs. Freight will be prepaid and added to invoice.
- Production orders less than 500 lbs. will incur a less than minimum order fee.
- Orders greater than 1000 lbs. are shipped freight paid.

Plant Locations

Nationwide service through four plants locations.

