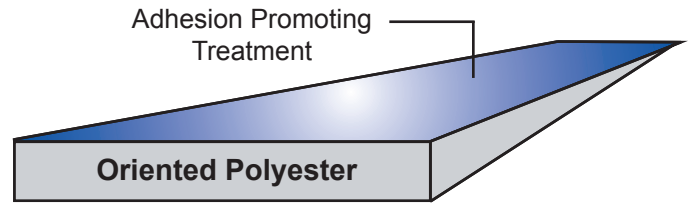


### Skyrol® Type SP91 Chemically Pretreated Film



## Product Features

**DESCRIPTION:** A one side chemically treated polyester film with enhanced adhesion to various kinds of metal, inks, and adhesives. When metallized on the chemically pretreated surface, SP91 shows significantly improved metal adhesion characteristics.

### FEATURES:

- One Side Chemically Treated
- Improved Solvent Based Ink Adhesion

### APPLICATIONS:

- Flexible Packaging Laminations

Property		Value			Unit	Test Method
<b>Physical Properties</b>						
Thickness		48	75	92	gauge	
Yield		41,254	26,403	21,524	in <sup>2</sup> /lb	
Tensile Strength	MD	34,100	36,000	33,000	PSI	ASTM D 882
	TD	38,400	37,000	38,400		
Elongation	MD	140		160	%	ASTM D 882
	TD	120		130		
COF (film to film)	Static	0.6	0.7	0.6		ASTM D 1894
	Kinetic	0.4	0.5	0.4		
Surface Tension	Treated	54			dyne/cm	ASTM D 2578
<b>Thermal Properties</b>						
Shrinkage	MD	1.8	2.2	1.8	%	150°C x 30 min
	TD	0.8	0.8	0.8		
<b>Optical Properties</b>						
Haze		2.1	2.5	2.8	%	ASTM D 1003
Light Transmission		94		93	%	ASTM D 1003
Gloss		160			%	ASTM D 2457
<b>Barrier Properties</b>						
WVTR		2.7			g/100in <sup>2</sup> /24hrs	ASTM F 372
OTR		6.7			cc/100in <sup>2</sup> /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.

