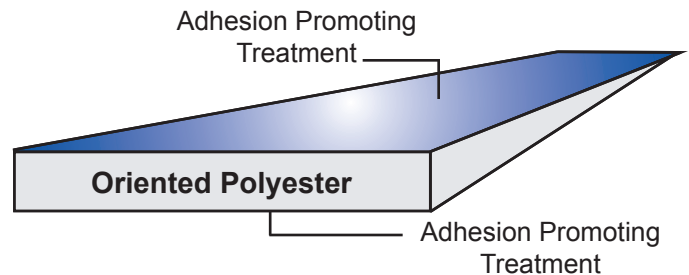


**Skyrol® Type SH82**  
*Two Side*  
*Adhesion Treated Film*



### Product Features

**DESCRIPTION:** Optically very clear, glossy polyester film that is treated on both sides to promote adhesion. Developed for use as a substrate for printing, labels, color proofing, masking, overhead projection transparencies, engineering drawings and drafting etc.

**FEATURES:**

- Optically Very Clear
- Glossy
- Both Sides Chemically Treated

**APPLICATIONS:**

- Substrate Printing
- Labels, Decals and Masking
- Color Proofing, Transparencies, Engineering Drawings and Drafting

Property		Value						Unit	Test Method
<b>Physical Properties</b>									
Thickness		200	300	400	500	700	1000	gauge	
Yield		9,901	6,601	4,901	3,960	2,829	1,980	in <sup>2</sup> /lb	
Tensile Strength	MD	31,000	30,000	27,000	28,400	26,700	24,000	PSI	ASTM D 882
	TD	35,000	33,000	32,000	32,700	30,000	30,800		
Elongation	MD	160	160	190	150	215		%	ASTM D 882
	TD	120	130	125	100	140			
COF (film to film)	Static	0.50			0.47	0.47			ASTM D 1894
	Dynamic	0.42			0.43	0.42			
<b>Thermal Properties</b>									
Shrinkage	MD	1.1			1.5	1.2	1.4	%	150°C x 30 min
	TD	0.5			0.5	0.1	0.5		
<b>Optical Properties</b>									
Haze		0.9	1.1	1.2	1.5	2.4	2.9	%	ASTM D 1003
Light Transmission		90			93	89	93	%	ASTM D 1003
Gloss		190		185	190		185	%	ASTM D 2457

\* 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.

