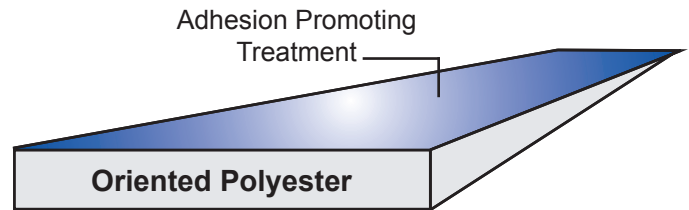


Skyrol® Type SH81 Adhesion Treated Film



Product Features

DESCRIPTION: Optically very clear, glossy polyester film that is treated on one side 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
- One Side Chemically Treated

APPLICATIONS:

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

Property	Value						Unit	Test Method	
Physical Properties									
Thickness	200	300	400	500	700	1000	gauge		
Yield	9,901	6,601	4,901	3,960	2,829	1,980	in ² /lb		
Tensile Strength	MD	31,000	30,000	27,000	27,400	28,000	24,100	PSI	ASTM D 882
	TD	35,000	33,000	32,000	29,800	31,000	28,400		
Elongation	MD	160	160	190	150	160	160	%	ASTM D 882
	TD	120	130	125	100	100	110		
COF (film to film)	Static	0.45		0.45	0.46			ASTM D 1894	
	Dynamic	0.40		0.42	0.42				
Thermal Properties									
Shrinkage	MD	1.1			1.5		%	150°C x 30 min	
	TD	0.5			0.5				
Optical Properties									
Haze		0.8	0.9	1.1	1.5	2.2	3.6	%	ASTM D 1003
Light Transmission		90			93	92		%	ASTM D 1003
Gloss		190		185	190	185	190	%	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.

