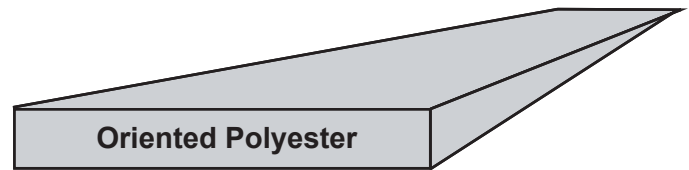


Skyrol® Type SR50 General Purpose, Hazy Film



Product Features

DESCRIPTION: A hazy, untreated film with outstanding mechanical and dielectric strength. It is durable and dimensionally stable, and retains its low water absorption and good chemical resistance properties over a wide range of temperatures and humidity levels.

FEATURES:

- Outstanding Mechanical & Dielectric Strength
- Low Water Absorption
- Durable and Dimensionally Stable
- Good Chemical Resistance
- Tolerant to Temperature and Humidity Change.

APPLICATIONS:

- Motor Insulation
- Wire and Cable Insulation
- Release Sheets
- Laminations
- Resin Cartridges

Property	Value								Unit	Test Method	
Physical Properties											
Thickness	92	200	300	400	500	750	1000	1400	gauge		
Yield	21,524	9,901	6,601	4,901	3,960	2,671	1,980	1,415	in ² /lb		
Tensile Strength	MD	32,700	31,000	28,000		28,000	26,000		24,000	PSI	ASTM D 882
	TD	34,100	33,000	30,000		28,000	28,000		24,000		
Elongation	MD	130	150	160		160	180	190	200	%	ASTM D 882
	TD	100	110	110		120	130	130	140		
Dielectric Strength		6.0	11.0	13.0	15.0	17.0	20.0	23.0	26.0	Kv	ASTM D 149
Thermal Properties											
Shrinkage	MD	1.5	2.0		1.5	2.0	2.8		3.0	%	150°C x 30 min
	TD	0.8	1.0		0.7	1.0	2.0		2.0		
Optical Properties											
Haze		13.0	15.0	18.0	23.0	30.0	50.0	60.0	72.0	%	ASTM D 1003

* 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.

