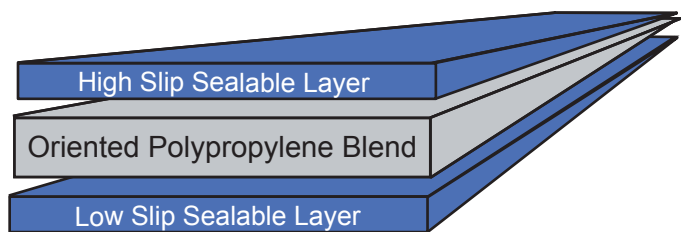


Propafilm™ Type OS Shrinkable Overwrapping Film



Product Features

DESCRIPTION: A biaxially oriented polypropylene film, coextruded on both sides with heat sealable polyolefinic copolymers. High speed overwrapping film with shrink tightening properties.

FEATURES:

- Sparkling Appearance
- Controlled and Balanced Shrink
- Excellent Moisture and Flavor Barrier
- Differential Slip Properties

APPLICATIONS:

- High Speed Overwrapping
- Magnetic Media
- Confectionery and Tea Industry

Property		Value	Unit	Test Method
Physical Properties				
Thickness		80 100	gauge	
Yield		38,600 30,900	in ² /lb	
Tensile Strength	MD TD	24,700 30,500	PSI	ASTM D 882
Elongation	MD TD	120 80	%	ASTM D 882
COF (outside/outside)	Static Kinetic	0.40 0.25		ASTM D 1894
Elasticity Modulus (1% secant)	MD TD	435,100 522,100	PSI	ASTM D 882
Thermal Properties				
Shrinkage	MD TD	3.7 3.5	%	176°F x 60 secs
	MD TD	7.0 11.0	%	248°F x 60 secs
Seal Range		240-285	°F	2 secs x 15 PSI
Seal Strength		500	g(f)/in	225°F x 1 sec x 15 PSI
Optical Properties				
Haze (wide angle)		1.0	%	ASTM D 1003
Gloss		140	%	ASTM D 2457
Barrier Properties				
WVTR		0.06 0.39	0.05 0.26	g/100in ² /24hrs 73°F 85% RH 100°F 90% RH
OTR		97	90	cc/ 100in ² /24hrs ASTM F 1927

* All values +/- 10%

Food Contact: Propafilm™ OS is NOT suitable for applications which involve direct contact with foodstuffs

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Standard Roll Sizes

Available Core Sizes →		3"	3"	3" or 6"	6"	6"
Approximate Roll OD →		9.50	11.00	13.00	18.75	22.50
Roll Weight Multiplier →		2.00	2.82	3.90	7.80	10.35
Gauge	Microns	Approximate Roll Lengths				
48	12	10,125	15,188	20,250	40,500	60,750
60	15	8,100	12,150	16,200	32,400	48,600
70	18	6,750	10,125	13,500	27,000	40,500
75	19	6,383	9,575	12,767	25,533	38,300
80	20	6,067	9,100	12,133	24,267	36,400
90	22	5,500	8,250	11,000	22,000	33,000
100	25	4,933	7,400	9,867	19,733	29,600
120	30	4,017	6,025	8,033	16,067	24,100
140	35	3,500	5,250	7,000	14,000	21,000
160	40	3,050	4,575	6,100	12,200	18,300
200	50	2,433	3,650	4,867	9,733	14,600
210	52	2,317	3,475	4,633	9,267	13,900
240	60	2,033	3,050	4,067	8,133	12,200

*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.

