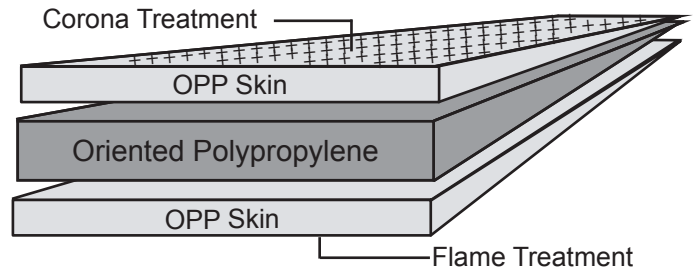


InteTopp™ Type TL Coextruded, Treated BOPP



Product Features

DESCRIPTION: A co-extruded, non-heat sealable, biaxially oriented polypropylene film. It is available one side or two side treated. It is used for bottle label applications.

FEATURES:

- Good Flatness and Stiffness
- Good Optics
- Excellent Bond Strength

APPLICATIONS:

- Roll Fed Beverage Labels
- Single Layer Surface Printed
- Lamination to Self, Other Plastics or Paper

Property	Value				Unit	Test Method
Physical Properties						
Thickness	60	70	120	160	gauge	
Yield	51,800	44,000	25,700	19,600	in ² /lb	
Tensile Strength	MD TD	20,000 32,000			PSI	ASTM D 882
Elongation	MD TD	140 60			%	ASTM D 882
Surface Tension	Corona Treated	38 40			dyne/cm	ASTM D 2578
Thermal Properties						
Shrinkage	MD TD	<5.0 <3.0			%	266°F x 5 min
Optical Properties						
Haze Range	1.5-3.0				%	ASTM D 1003
Gloss (45°)	90				%	ASTM D 2457

* All values +/- 10%

Food Contact: InteTopp™ type TL is suitable for most applications involving 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.

