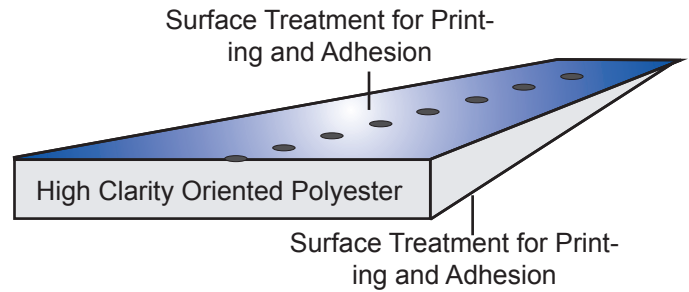


Interfilm Type PTPF
*Micro-Perforated, High Clarity,
 Chemically Treated Film*



Product Features

DESCRIPTION: High clarity biaxially oriented polyester film chemically treated on both sides for adhesion to inks and coatings. Our exclusive micro-perforation process offers exceptional MVTR values designed for “breathable” film applications. These precision perforations, combined with the superior optical properties of PTPF, provide an excellent cost saving substitution to Cellulose Acetate.

FEATURES:

- High Clarity
- Micro-Perforated
- Smooth Surface
- Treated for Adhesion on both sides

APPLICATIONS:

- Windows on Food Packaging Cartons

Property		Value	Unit	Test Method
Physical Properties				
Designation		92 PTPF		
Thickness		92	gauge	
Yield		21,524	in ² /lb	
Tensile Strength	MD	>28,000	PSI	ASTM D 882
	TD	>34,000		
Elongation	MD	155	%	ASTM D 882
	TD	115		
COF (Film to Film)	Static	0.40		ASTM D 1894
	Kinetic	0.45		
Surface Tension	Treated	37	Dyne/cm	ASTM D 2578
Thermal Properties				
Shrinkage	MD	1.5	%	190°C x 5 min.
	TD	0.5		
Optical Properties				
Haze 2.5°		0.8	%	ASTM D 1003-61
Gloss (45°)		185	%	ASTM D 2457-77
Barrier Properties: Interfilm Perforated Films are custom designed box windowing films that are tailored to meet or exceed the WVTR performance of Acetate film. The size and the number of perforations required is dependent on the final window size utilized in your carton. Therefore, it is crucial to discuss the end-use requirements with us to ensure the product is functionally acceptable. Barrier properties shown below are nominal for this product.				
WVTR		>1,000	g/m ² /24 hrs	ASTM F 1770
OTR		>100	cc/m ² /24hrs	ASTM F 1927

* All values +/- 10%

FOOD CONTACT: PTPF is suitable for most applications involving direct contact with foodstuffs.

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

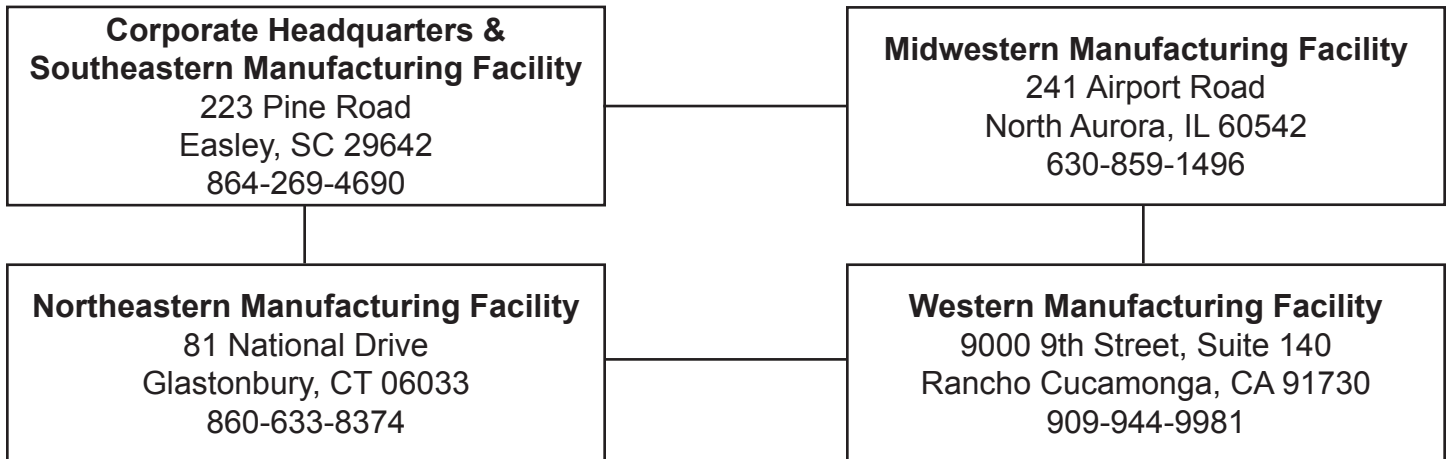
- Most films are available in roll widths from ¼ inch to 80 inches

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.



The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Interfilm Holdings, Inc., and Interfilm Holdings, Inc., makes no warranty of results to be obtained. Users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of the numerous factors affecting results, Interfilm Holdings, Inc., MAKES NO REPRESENTATIONS OF ANY WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR ANY OTHER MATTER WITH RESPECT TO THE MATERIAL OTHER THAN THAT THE MATERIAL CONFORMS TO ITS APPLICABLE CURRENT STANDARD SPECIFICATIONS. Statements herein, therefore, should not be construed as representations or warranties. THE RESPONSIBILITY OF INTERFILM HOLDINGS, INC. FOR CLAIMS ARISING OUT OF BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE IS LIMITED TO THE PURCHASE PRICE OF THE MATERIAL.