

# TRANS-SEALING™ PLF-F

## DESCRIPTION:

Trans-Sealing™ PLF-F is transparent polyester lidding film for peelable seals to all typical rigid substrates used in today's packaging.

## CHARACTERISTICS:

- Universal peelable seals to CPET, APET, APET paperboard, HDPE, PP HIPS, PETG, PVC, aluminum foil, glass, blended trays, cups, bottles, and many others
- Excellent broad seal range and seals through food residue
- Peelable hot or cold
- Clean peelable seals, no sealant residue
- Solvent-free process ensures the films are odor free and contamination free
- Suitable for cooking and heating food at oven temperatures as severe as 400°F for up to 30 minutes, provided that the film will not contact beverages exceeding 50% alcohol by volume.

## FDA STATUS:

Manufactured with material compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
Thickness Range	Gauge	92	118	164	-
Yield	ln <sup>2</sup> /lb	27,100	20,600	14,200	-
Tensile Strength MD	psi	15,600	16,500	20,100	ASTM D882A
Tensile Strength TD	psi	14,100	14,700	21,200	ASTM D882A
Elongation at Break MD	%	90	94	141	ASTM D882A
Elongation at Break TD	%	103	97	122	ASTM D882A
Heat shrinkage (150°C for 30 minutes) MD	%	2.2	2.2	1.8	ASTM D1204
Heat shrinkage (150°C for 30 minutes) TD	%	0.8	0.9	0.5	ASTM D1204
Heat Initiation Temp.	°F	265	265	265	-
WVTR	g/100in <sup>2</sup> /day	2.30	1.90	1.20	ASTM F 1249
OTR	cc/100in <sup>2</sup> /day	11.00	8.00	4.00	ASTM D 3985
Coefficient of Friction	Kinetic	0.50	0.50	0.52	ASTM D1894
Coefficient of Friction	Static	0.50	0.50	0.53	ASTM D1894
MVTR 100°F, 90% RH	g/100in <sup>2</sup> /day	2.30	1.90	1.20	ASTM F1249
O <sub>2</sub> Barrier 73°F	cc/100in <sup>2</sup> /day	11.00	8.00	4.00	ASTM D3985

\*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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