

# TRANS-SEALING® PLF64HT-F

## FEATURES

TRANSPARENT, biaxially oriented polyester film, HEAT SEALABLE - PEELABLE on one side with CORONA treatment on the opposite side.

- The CORONA treated side can be used for enhanced adhesion for printing and lamination
- Wide sealing temperature range without deformation: 140 to 410°F
- Film can withstand freezing down to -40°F and dual ovenable (up to 410°F). At higher temperatures the film begins to deform
- Suitable for applications where there is a need for an easy open lidding. Seals (and opens easily) to itself, PP, HDPE, PS, HIPS, APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA, PET coated paperboard trays or containers, bottles, and jars
- Trans-Sealing® PLF64HT-F complies with international regulations for food contact. Specific documents are available upon request

## APPLICATIONS

Lidding for trays or safety seals with easy open effect. Ex: Ready meals, salads, snacks, sauces, fruits, etc.

## TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTIES		TEST CONDITIONS	UNIT	TYPICAL VALUES			
THICKNESS		ASTM E 252	Gauge	53	80	100	200
YIELD		ASTM D 646	Sq.in./lb.	32,300	22,200	18,900	9,400
TENSILE STRENGTH AT BREAK	MD	ASTM D 882	kpsi	28			
	TD			31			
ELONGATION AT BREAK	MD	ASTM D 882	%	120			140
	TD			100			110
INITIAL MODULUS	MD	ASTM D 882	kpsi	640			570
	TD			680			600
HAZE		ASTM D 1003	%	10	12	14	17
SHRINKAGE	MD	300°F /30 min.	%	1.5			
	TD			0			
COEFFICIENT OF FRICTION (SIDE A X SIDE B)	STATIC	ASTM D 1894	-	0.4			
	DYNAMIC			0.3			
WATER VAPOR TRANSMISSION RATE		ASTM F 1249 100°F - 90% RH	g/100in <sup>2</sup> 24 hrs.	2.3	1.5	1.2	0.6
OXYGEN TRANSMISSION RATE		ASTM F 1927 75°F - 85% RH	cc/100in <sup>2</sup> 24 hrs.	6.3	4.5	3.4	1.7
HEAT SEAL STRENGTH (SEALABLE SIDE X SEALABLE SIDE)		Film/Film @ 230°F; 33 psi, 1 sec	gf/in	1500			

The information and suggestions contained herein represent the best information available to Transcendia, Inc and we believe them to be reliable. They should not, however, be construed as controlling and are presented without guarantee of performance either express or implied. We urge purchasers to conduct confirmatory tests to determine final suitability for their specific end uses. No statement with respect to use is intended as a positive recommendation for such use and no warranty with respect to infringement of patents held by others is made or intended.

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