

TRANS-SEALING® PLF95T-F

FEATURES

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

- Transparent, with excellent thermal and mechanical stability, barrier to gas, water vapor, and aroma
- High performance in converting processes: lamination, printing, metallization, extrusion coating, and automatic packaging in vertical and horizontal machines
- CORONA treated side provides enhanced adhesion to inks (rotogravure and flexography), adhesives and varnishes
- Wide sealing temperature range without deformation: 195 to 410 °F (low initiation temperature than Trans-Sealing® 10.94T)
- The food can withstand freezing temperatures down to -40°F and be heated/cooked in a conventional or microwave oven in contact with Trans-Sealing® PLF95T-F up to 410 °F. At higher temperatures the film begins to deform
- Trans-Sealing® PLF95T-F complies with international regulations for food contact. Specific documents are available upon request

APPLICATIONS

Lidding for trays or safety seals (tamper evident), pillow or flow pack pouches. Examples: ready meals, salads, confectionary, blisters, etc.

TECHNICAL PROPERTIES (TYPICAL VALUES)

PROPERTIES		TEST CONDITIONS	UNIT	TYPICAL VALUES
THICKNESS		ASTM E 252	Gauge	120
YIELD		ASTM D 646	Sq.in./lb.	16,700
TENSILE STRENGTH AT BREAK	MD	ASTM D 882	kpsi	28
	TD			31
ELONGATION AT BREAK	MD	ASTM D 882	%	140
	TD			100
INITIAL MODULUS	MD	ASTM D 882	kpsi	600
	TD			680
HAZE		ASTM D 1003	%	4
SHRINKAGE	MD	300°F /30 min.	%	1.5
	TD			0
COEFFICIENT OF FRICTION (SIDE A X SIDE B)	STATIC	ASTM D 1894	-	0.5
	DYNAMIC			0.4
WATER VAPOR TRANSMISSION RATE		ASTM F 1927 100°F - 90% RH	g/100in ² 24 hrs.	1.0
OXYGEN TRANSMISSION RATE		ASTM F 1249 25°C - 85% RH	cc/100in ² 24 hrs.	2.8
HEAT SEAL STRENGTH (SEALABLE SIDE X SEALABLE SIDE)		Film/Film @ 248°F; 33 psi, 1 sec	gf/in	1400
SURFACE TENSION (CORONA SIDE)		ASTM D 2578	Dyne/cm	56

DEVELOPMENT PRODUCT - PRELIMINARY TECHNICAL DATA

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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