

HSPET-F Polyester (PET) Film

DESCRIPTION

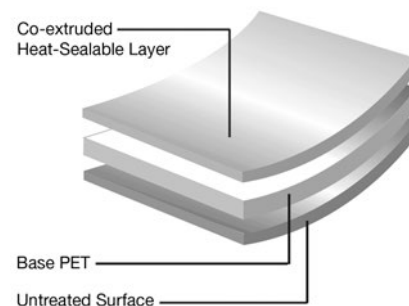
HSPET-F is a one side amorphous, dual ovenable, heat-sealable polyester (PET) film used for overwrap applications. It can withstand temperatures above 250°F up to 425°F.

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.



TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE			TEST METHOD
Thickness	Gauge	48	80	120	-
Yield (nominal)	in ² /lb	42,000	24,800	16,500	-
Tensile Strength at Break MD	kpsi	27-33	27-33	27-33	ASTM D882
Tensile Strength at Break TD	kpsi	29-31	29-37	29-38	ASTM D882
Elongation at Break MD	%	100-110	100-150	100-150	ASTM D882
Elongation at Break TD	%	90-115	90-110	90-120	ASTM D882
Heat Shrinkage MD	%	1.3-2.1	1.3-1.8	1.5-1.7	150°C/30 Min
CoF, A/B (Kinetic)	μ _k	0.4-0.5	0.3-0.5	0.3	-
CoF, A/B (Static)	μ _s	0.4-0.5	0.3-0.5	0.4	-
Heat Shrinkage TD	%	0.3-0.6	0.3-0.8	0.3	150°C/30 Min
Heat Seal Temp Range	°F	212-428	212-428	212-428	Internal Test
TLT	%	90	90	90	ASTM D1003
Haze	%	2.1 - 3.0	3.3 - 4.5	3.5 - 6.0	ASTM D1003
OTR	cc/100 in ² /day	6.0 – 8.3	3.7 – 5.5	3.3-3.8	ASTM D1434
WVTR	g/100 in ² /day	2.6 - 2.9	1.3 - 1.8	1.0-1.1	ASTM F1249

*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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