Transcendia
A Leader in Custom and Engineered Films

HSPETCT-F POLYESTER (PET) FILM

DESCRIPTION
HSPETCT-F is a transparent polyester (PET) lidding film that is corona treated on one side and heat sealable on the opposite side.

CHARACTERISTICS
- The corona treated side can be used for enhanced adhesion for printing and lamination.
- Sealable layer is designed to heat seal to itself or substrates such as APET, CPET, modified CPET, PET coated paperboard and PVC.
- Dual ovenable with large sealing temperature range without deformation: from 260°F to 410°F.
- Food can be heated in contact with HSPETCT-F up to 410°F, but begins to deform at temperatures above 410°F.
- Can withstand freezing temperatures down to -40°F.
- Complies with international regulations for food contact.
- Can be used as a monolayer overwrap or lidding film for tamper- evident packaging.

FDA STATUS
Manufactured with materials compliant with FDA regulations

COMPLIANCE
Please visit transcendia.com/compliance for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES					TEST METHOD
Thickness	gauge	48	60	80	92	120	
Yield (nominal)	in²/lb.	41,900	33,500	25,100	21,900	16,800	ASTM E252
Tensile Strength at Break MD	kpsi	23				26	
Tensile Strength at Break TD		26				27	
Elongation at Break MD	%	130	145			140	
Elongation at Break TD		100	120			95	
Initial modulus MD	kpsi	570				570	
Initial modulus TD		610				580	
Haze	%	3				4	ASTM D1003
Shrinkage MD	%	1.4	1.1				300 °F / 30 min
Shrinkage TD		0.1	0.1				
CoF Static (Side A x Side B)	-	0.5					ASTM D1894
CoF Dynamic (Side A x Side B)		0.4					
WVTR	g/100 in²/24 hr 100°F @ 90% RH	2.6	1.9	1.8	1.6	1.3	ASTM F1249
OTR	cc/100 in.²/24 hours, 75°F @ 85% RH	7	6.1	4.5	3.9	3.2	ASTM F1927
Heat Seal Strength	gms/inch	400		600		900	Film/Film @248°Fm 33 psi. 1 sec
Surface Tension (corona side)	Dyne/cm	56					ASTM D2578

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