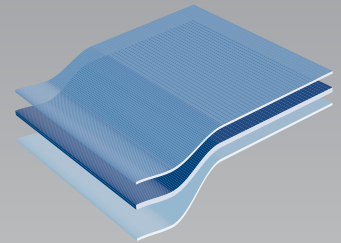


PLATSEAL

PPG HSPET9



HEAT SEALABLE Copolymer
PET Homopolymer
CORONA treatment

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

Characteristics

- PPG HSPET9 is a transparent polyester film with CORONA treatment on one side and HEAT SEALABLE (medium strength) on the opposite side;
- The CORONA treated side can be used for enhanced adhesion for printing and lamination;
- The SEALABLE layer is designed to heat seal onto 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 to 410°F;
- Food can be heated/cooked in contact with PPG HSPET9 until 410°F; at higher temperatures the film begins to warp;
- PPG HSPET9 can withstand freezing temperatures down to -40°F;
- PPG HSPET9 complies with international regulations for food contact. Specific documents are available upon request.

Applications

Versatile, heat sealable PET that can be used as a monolayer over-wrap or lidding film for tamper-evident packaging. It seals to itself or substrates such as APET, CPET, PET coated paperboard and PVC. It can also be converted with other products as part of a multi-layer structure.

Typical Values

PROPERTIES		Test Conditions	Unit	Typical Values				
Thickness		ASTM E 252	Gauge	48	60	80	92	120
Yield		ASTM D 646	Sq.in./lb.	41,900	33,500	25,100	21,900	16,800
Tensile strength at break	MD	ASTM D 882	kpsi	23				26
	TD			26				27
Elongation at break	MD	ASTM D 882	%	130	145			140
	TD			100	120			95
Initial modulus	MD	ASTM D 882	kpsi	570				570
	TD			610				580
Haze		ASTM D 1003	%	3				4
Shrinkage	MD	300°F / 30 min	%	1.4	1.1			
	TD			0.1	0.1			
Coefficient of friction (Side A x Side B)	Static	ASTM D 1894	-	0.5				
	Dynamic			0.4				
Water vapor transmission rate		ASTM F 1249 100°F - 90% RH	g/100in. ² 24 hrs.	2.6	1.9	1.8	1.6	1.3
Oxygen transmission rate		ASTM F 1927 75°F - 85% RH	cc/100in. ² 24 hrs.	7	6.1	4.5	3.9	3.2
Heat seal strength (Sealable side x Sealable side)		Film/Film @ 248°F, 33 psi, 1 sec	gms/inch	400		600		900
Surfacel Tension (CORONA side)		ASTM D 2578	Dyne/cm	56				

Note: The information and suggestions contained herein represent the best information available to Platinum Packaging Group 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.

For additional information, please contact our commercial department.

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