



HEAT SEALABLE - PEELABLE Copolymer  
PET Homopolymer

TRANSPARENT, biaxially oriented polyester film,  
1 side HEAT-SEALABLE-PEELABLE.

## Characteristics

- SEALPHANE 10.64 is a clear polyester film with a HEAT SEALABLE - PEELABLE layer;
- The CO-POLYMER adhesive layer is designed to heat seal onto and peel cleanly from substrates such as PP, HDPE, PS and HIPS. It also seals to itself, APET, CPET, modified CPET, PETG, rPET, PET coated paperboard, PC, PLA and PVC;
- SEALPHANE 10.64 has lower Seal Initiation Temperature than SEALPHANE 10.63;
- Large sealing temperature range without deformation: from 210 to 410°F;
- Food can be heated/cooked in contact with SEALPHANE 10.64 until 410°F; at higher temperatures the film begins to warp;
- Self venting effect when heated in conventional and microwave ovens;
- SEALPHANE 10.64 can withstand freezing temperatures down to -40°F;
- It has excellent mechanical properties, thickness uniformity, thermal and dimensional stability. Low oxygen, aroma and water vapor permeability.
- SEALPHANE 10.64 complies with international regulations for food contact. Specific documents are available upon request.

Sealing Performance	Sealing Temperature		
	280°F	320°F	340°F
To PET Substrates and Itself	Easy Peel / No Shredding		
To PP and HDPE		Easy Peel / No Shredding	
To HIPS			Easy Peel / No Shredding
To Itself for Venting	Easy Peel / Venting		
To PET Substrates for Venting		Easy Peel / Venting	

• PET Substrates: CPET, APET, PETG, rPET and PET coated paper trays, bottles or containers.  
• Contaminated substrates: trays, bottles or containers with sauce or grease contaminating the rim or other sealing surface.

## Applications

Dual ovenable lidding film for packaging refrigerated and frozen foods. Seals to itself, PP, HDPE, PS, HIPS, APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA and PET coated paperboard trays, containers, bottles, and jars.

## Typical Values

PROPERTIES		Test Methods	Unit	Typical Values	
Thickness		ASTM E 252	Gauge	53	100
Yield		ASTM D 646	Sq.in./lb.	37,400	20,100
Tensile strength at break	MD	ASTM D 882	kpsi	26	
	TD			23	
Elongation at break	MD	ASTM D 882	%	135	
	TD			95	
Initial modulus	MD	ASTM D 882	kpsi	520	
	TD			585	
Haze		ASTM D 1003	%	10	14
Shrinkage	MD	300°F / 30 min	%	1.0	
	TD			0	
Coefficient of friction (Side A x Side B)	Static	ASTM D 1894	-	0.4	
	Dynamic			0.2	
Water vapor transmission rate		ASTM F 1249 100°F - 90% RH	g/100in <sup>2</sup> 24hrs	2.6	1.6
Oxygen transmission rate		ASTM F 1927 75°F - 85% RH	cc/100in <sup>2</sup> 24hrs	7.1	3.9
Heat seal strength (Sealable side x Sealable side)		Film/ Film @ 230°F, 33 psi 1 sec	gms/inch	450	

### Note:

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