



HEAT SEALABLE - PEELABLE Copolymer  
PET Homopolymer

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

## Characteristics

- SEALPHANE 10.64H is a clear polyester film with a HEAT SEALABLE - PEELABLE layer that provides higher seal strength than 10.64.
- 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 10.64H has lower Seal Initiation Temperature than SEALPHANE 10.63.
- Large sealing temperature range without deformation: from 100 to 210°C.
- Food can be heated/cooked in contact with SEALPHANE 10.64H until 210°C at higher temperatures the film begins to warp.
- Self venting effect when heated in conventional and microwave ovens.
- SEALPHANE 10.64H can withstand freezing temperatures down to -40°C.
- It has excellent mechanical properties, thickness uniformity, thermal and dimensional stability. Low oxygen, aroma and water vapour permeability.
- SEALPHANE 10.64H complies with international regulations for food contact, Specific documents are available upon request.

Sealing Performance	Sealing Temperature		
	140°C	160°C	170°C
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		Analysis Methods	Unit	Typical Values		
Thickness		ASTM E 252	µm	13,5	20	25
Basis weight		ASTM D 646	g/m <sup>2</sup>	21,2	31	36,6
Yield		ASTM D 646	m <sup>2</sup> /kg	47,2	32,3	27,3
Tensile strength at break	MD	ASTM D 882	kgf/mm <sup>2</sup>	18		
	TD			16		
Elongation at break	MD	ASTM D 882	%	135		
	TD			95		
Initial modulus	MD	ASTM D 882	kgf/mm <sup>2</sup>	370		
	TD			410		
Haze		ASTM D 1003	%	10	12	14
Shrinkage	MD	150°C / 30 min	%	1,0		
	TD			0		
Coefficient of friction (Side A x Side B)	Static	ASTM D 1894	-	0,4		
	Dynamic			0,2		
Water vapour transmission rate		ASTM F 1249 38°C - 90% RH	g/m <sup>2</sup> .day	40	25	20
Oxygen transmission rate		ASTM F 1927 25°C - 85% RH	cm <sup>3</sup> /m <sup>2</sup> .day	110	70	60
Heat seal strength (Sealable side x Sealable side)		Film/ Film @ 110°C; 2,3 bar 1 sec	gf/pol	900		

### Note:

The information and suggestions contained herein represent the best information available to TERPHANE 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.

For additional information, please contact our commercial department.

November 2013



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