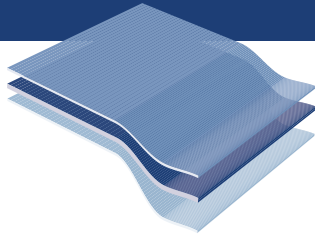


# SEALPHANE 10.63T



CORONA Treatment  
 PET Homopolymer  
 HEAT SEALABLE Copolymer - PEELABLE

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

## Characteristics

- SEALPHANE 10.63T is a transparent polyester film with CORONA treatment on one side and a COEXTRUDED layer of CO-POLYMER adhesive on the opposite side.
- The CORONA treated side can be used for enhanced adhesion for printing and lamination.
- High barrier against gas, water vapor and aroma.
- Large sealing temperature range without deformation: from 260 to 410°F.
- Food can be heated/cooked in contact with SEALPHANE 10.63 until 410°F - at higher temperatures the film begins to warp.
- Self venting effect when heated in conventional and microwave ovens.
- SEALPHANE 10.63T can withstand freezing temperatures down to -40°F.
- Dual ovenable with non-stick properties.
- SEALPHANE 10.63T complies with international regulations for food contact. Specific documents are available upon request.

Sealing Performance	Sealing Temperature		
	260°F	330°F	410°F
To PET Substrates			Easy Peel / No Shredding
To Itself		Easy Peel / No Shredding	
To Contaminated Substrates			Easy Peel / No Shredding
To PET Substrates for Venting		Easy Peel / Venting	
To Itself for Venting	Easy Peel / Venting		
To PP, PE and PS	10.64 suggested		

\*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

Suitable for applications where there is a need for easy-open effects, like tray lids or safety seals.  
 Seals onto, and peels cleanly from, itself or substrates such as APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA, PET film or PET coated paperboard.

## Typical Values

PROPERTIES		Test Conditions	Unit	Typical Values		
Thickness		ASTM E 252	Gauge	53	80	100
Yield		ASTM D 646	Sq.in./lb.	37,400	25,100	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	12	14
Shrinkage	MD	300°F / 30 min	%	1.0		
	TD			-0.2		
Coefficient of friction (Side A x Side B)	Static	ASTM D 1894	-	0.6		
	Dynamic			0.6		
Water vapor transmission rate		ASTM F 1249 100°F - 90% RH	g/100in. <sup>2</sup> 24 hrs.	2.6	1.8	1.6
Oxygen transmission rate		ASTM F 1927 75°F - 85% RH	cc/100in. <sup>2</sup> 24 hrs	7.1	4.5	3.9
Heat seal strength (Sealable side x Sealable side)		Film/Film @ 230°F, 33 psi, 1 sec	gms/inch	450		
Surface tension (CORONA side)		ASTM D 2578	Dyne/cm	56		

**Note:**  
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August 2012



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