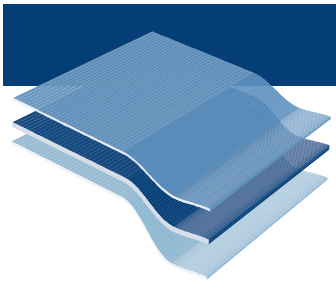
SEALPHANE 10.64HTAF



HEAT SEALABLE Copolymer - *PEELABLE* and *ANTI-FOG*
PET Homopolymer
CORONA treatment

TRANSPARENT, biaxially oriented polyester film, HEAT SEALABLE - PEELABLE and ANTI-FOG on one side and CORONA treated on the opposite side.

Characteristics

- SEALPHANE 10.64HTAF is a clear polyester film with CORONA treatment on one side and a HEAT SEALABLE - PEELABLE layer on the opposite side that provides higher seal strength than 10.64.
- The CORONA treated side can be used for enhanced adhesion for printing and lamination.
- 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 10.64HTAF 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 10.64HTAF until 210°C at higher temperatures the film begins to warp;
- Self venting effect when heated in conventional and microwave ovens;
- SEALPHANE 10.64HTAF can withstand freezing temperatures down to -40°C;
- The heat sealable side also has an anti-fog treatment in order to avoid fogging at cold and hot applications;
- It has excellent mechanical properties, thickness uniformity, thermal and dimensional stability. Low oxygen, aroma and water vapour permeability;

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

Suitable for applications where there is a need for an easy open effect with anti-fog properties, such as tray lidding.
Seals to itself, PP, HDPE, PS, HIPS, APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA, PET film or PET coated paperboard.

Typical Values

PROPERTIES		Analysis Methods	Unit	Typical Values
Thickness		ASTM E 252	µm	25
Basis weight		ASTM D 646	g/m²	36,6
Yield		ASTM D 646	m²/kg	27,3
Tensile strength at break	MD TD	ASTM D 882	kgf/mm²	18 16
Elongation at break	MD TD	ASTM D 882	%	135 95
Initial modulus	MD TD	ASTM D 882	kgf/mm²	370 410
Haze		ASTM D 1003	%	14
Shrinkage	MD TD	150°C / 30 min	%	1,0 0
Coefficient of friction (Side A x Side B)	Static Dynamic	ASTM D 1894	-	0,4 0,2
Water vapour transmission rate		ASTM F 1249 38°C - 90% RH	g/m².day	20
Oxygen transmission rate		ASTM F 1927 25°C - 85% RH	cm³/m².day	60
Heat seal strength (Sealable side x Sealable side)		Film/ Film @ 110°C; 2,3 bar 1 sec	gf/pol	900
Surface Tension (CORONA side)		ASTM D 2578	Dyne/cm	56

Note:
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For additional information, please contact our commercial department.

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