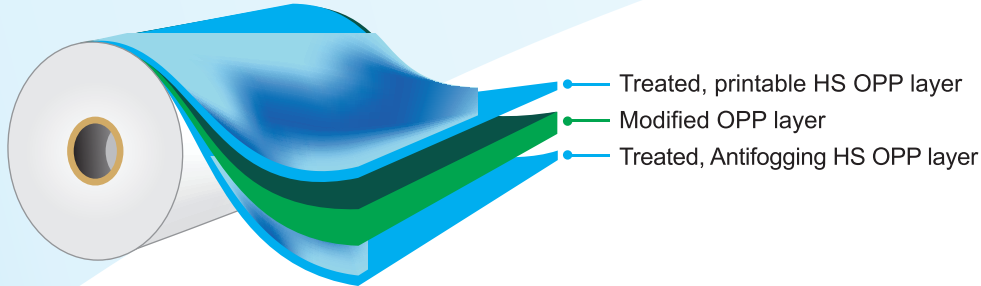


Keep Fresh Antifog Film

HST-2 (KFAF)

Structure



Description

It is a co-extruded, both sides heat sealable and both sides treated Bi-axially Oriented Polypropylene film

Features

- Excellent machinability and optics
- Excellent antifogging effect on one side and printability on other side
- Keep fresh effect for extended shelf period (> 4 days) due to antibacterial property of film
- Good ink adhesion

Applications

- Packaging of fresh cut vegetables, salad and meat

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Typical Values

Properties	Ref.	Units	Astm # / Test Method	HST-2 (KFAF)			
Physical Data							
Average Thickness		micron	D-374-C	25	30	35	40
		gauge		98.42	118.11	137.80	157.48
		mils		0.98	1.18	1.38	1.57
Thickness Variation		% (±)		3			
Density		g/cc		0.905			
Average Substance		g/m ²		22.62	27.15	31.68	36.2
Wettability (min.)		dynes/cm	D-2578	38			
Kinetic COF	F-F		D-1894	0.15 – 0.30			
Yield		m ² /Kg	D-4321	44.20	36.83	31.57	27.62
Optical Data							
Gloss (45 °)		gardner	D-2457	88 - 92			
Haze		%	D-1003	2.5 - 4.0			
Mechanical Data							
Tensile Strength	MD	kg/ cm ²	D-882	1100 - 1400			
	TD			2300 - 2600			
Elongation	MD	%	D-882	140 - 200			
	TD			30 - 80			
Thermal Data							
Shrinkage (120 °C, 5 min.)	MD	%	D-1204	2 - 4			
	TD			1 - 3			
Heat Seal Temp(min.)		°C	CTM	105			
Heat Seal Strength		g/25 mm	CTM	>600	>700	>800	>850
Antifog Data							
Cold Fog (4°C / 7 Days)		Rating A-E A - Poor E - Excellent	CTM	E			
Hot Fog (60°C / 3 h)				E			
Barrier Data							
MVTR (38 °C, 90%RH)		g/m ² /day	F-1249	4.5	4	3.5	3

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction

Disclaimer : The information provided above is based on COSMO FILMS LTD's conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.