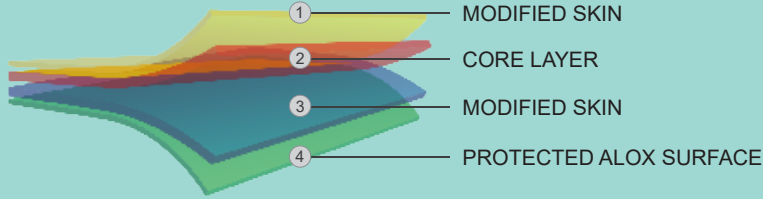




# ALOX PET

**ALOX PET** is ALOX vapor deposited three layer polyester film suitable for transparent high barrier application. The ALOX layer is protected with the help of a top coat. This film has excellent clarity, with very good water vapor and oxygen barrier properties.



## FILM TYPES:

- Protected ALOX surface inside, outside untreated.
- Protected ALOX surface outside, inside untreated.

## APPLICATION:

- Transparent high barrier application for microwavable foods
- See through packaging

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES			
<b>Thickness [+/- 2.5%] (Nominal)</b>	StockPKG Method	micron	10.5	12.5	23.5	
		gauge	42	50	94	
<b>Yield (Nominal)</b>	StockPKG Method	m <sup>2</sup> /kg	68.3	57.3	30.5	
		in <sup>2</sup> /lb	48000	40300	21400	
<b>Haze (Max)</b>	ASTM D 1003	%	2.5	2.5	3.5	
<b>Coefficient of Friction (Max) One side to other</b>	ASTM D 1894	-	St	0.55	0.55	0.55
			Dy	0.50	0.50	0.50
<b>Shrinkage (Max) 150°C @ 30 Minutes</b>	ASTM D 1204	%	MD	2.4	2.4	2.4
			TD	0.6	0.6	0.6
<b>Surface Tension (AIOx surface) (+/- 2)</b>	ASTM D 2578	dynes/cm	56	56	56	
<b>Transmission Rate WVTR (38°C, 90% RH)</b>	ASTM F 1249	gm/m <sup>2</sup> -day	≤ 0.70	≤ 0.70	≤ 0.70	
		gm/100 in <sup>2</sup> -day	≤ 0.04	≤ 0.04	≤ 0.04	
<b>Transmission Rate OTR (23°C, 50% RH)</b>	ASTM D 1927	cc/m <sup>2</sup> -day	≤ 0.70	≤ 0.70	≤ 0.70	
		cc/100 in <sup>2</sup> -day	≤ 0.04	≤ 0.04	≤ 0.04	
<b>Reel Width Tolerance</b>	StockPKG Method	mm	-0/+2			

\*MD = Machine Direction \*TD = Transverse Direction

**Storage & Handling:** Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

**Food Contact:** Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

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