

DESCRIPTION

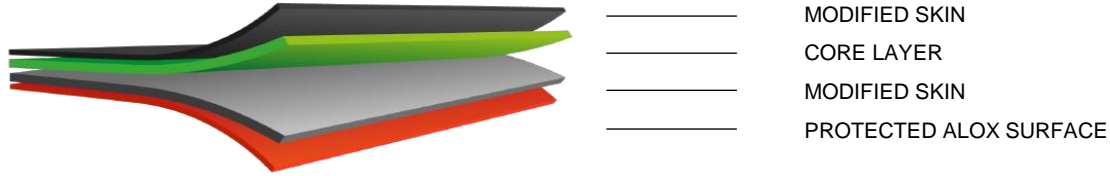
This film is an ALOX vapor deposited three layer polyester film, suitable for transparent high barrier application. The ALOX layer is protected with the help of a top coat.

FEATURES

This film has excellent clarity and very good water vapor and oxygen barrier properties.

APPLICATIONS

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



PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUE		
PHYSICAL PROPERTIES						
Nominal Thickness (+/- 2.5%)		Internal	micron	10.5	12.5	23.5
			gauge	42	50	94
Nominal Yield			m ² / kg	68.3	57.3	30.5
			in ² / lb	48000	40300	21400
SURFACE PROPERTIES						
Coefficient of Friction (Max)	ST	ASTM D 1894	--	0.55	0.55	0.55
	DY			.50	.50	.50
Surface Tension (ALOX Side) (+/- 2)		ASTM D 2578	Dynes / cm	56	56	56
THERMAL PROPERTIES						
Thermal Shrinkage Max. (at 150°C / 5 mins)	MD	ASTM D 1204	%	2.4	2.4	2.4
	TD			0.6	0.6	0.6
OPTICAL PROPERTIES						
Haze (Max)		ASTM D 1003	%	2.5	2.5	3.5
BARRIER PROPERTIES						
WVTR, 38°C, 90% RH		ASTM F 1249	gm / m ² / Day	≤ 0.7	≤ 0.7	≤ 0.7
			gm / 100 in ² / Day	≤ 0.04	≤ 0.04	≤ 0.04
OTR 23°C, 50% RH		ASTM D 1927	cc / m ² / Day	≤ 0.7	≤ 0.7	≤ 0.7
			cc / 100 in ² / Day	≤ 0.04	≤ 0.04	≤ 0.04

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.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.