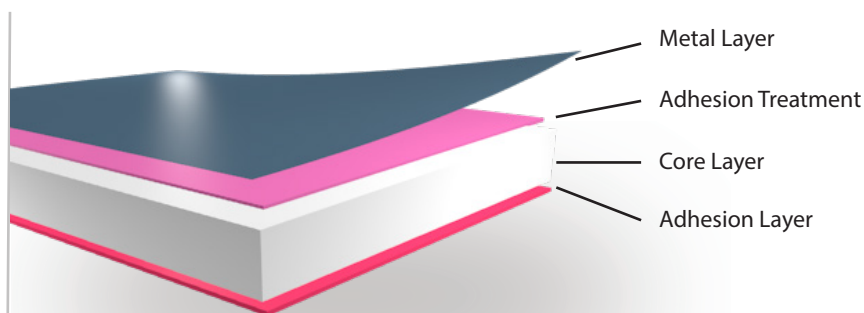


LUMIRROR[®] MK12

Applications

- Confections
- Snacks
- Coffee
- Pet food



HIGH BARRIER METALLIZED
PET FILM WITH VERY GOOD
METAL ADHESION

Summary

MK12 is a coextruded Polyester film metallized for high barrier properties. The non-metallized side is modified for superior printing and laminating adhesion. Especially suited for demanding barrier applications and high metal bond in wet or dry applications.

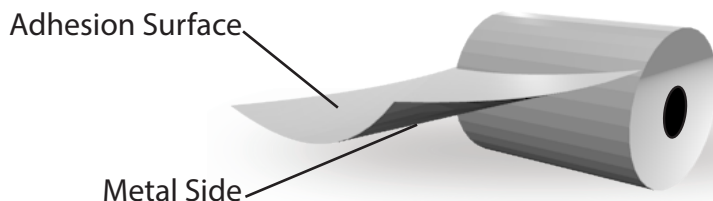
Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES	
Thickness		-	0.00001"	36	48
Nominal Yield		-	in ² /lb	55,700	41,200
F-5	MD	ASTM D882	lb/in ²	15,600	15,600
	TD			14,400	14,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	40,300	40,700
	TD			36,100	36,700
Young's Modulus	MD	ASTM D882	lb/in ²	738,200	733,900
	TD			739,600	749,600
Elongation at Break	MD	ASTM D882	%	100	110
	TD			110	120
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.4	2.2
	TD			1.1	1.0
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _s	0.5	0.4
			μ _D	0.5	0.4
Optical Density		ASTM 1003		2.8	2.8
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in ² /day	0.04	0.04
O ₂ Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	0.04	0.04

Key Features

- High metal bond in wet and dry applications
- Exceptional barrier to water vapor, oxygen and other gases
- Good aroma barrier
- High protection against natural and UV light
- Excellent dimensional stability at higher temperatures
- Superior surface for printing or laminating
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications

Winding Direction



* These values do not constitute specific binding specifications

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