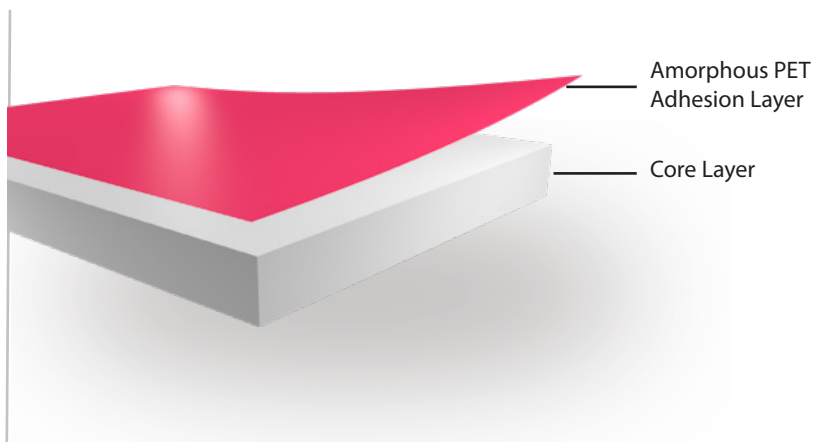


LUMIRROR[®] PA45

Applications

- Heat seal
- Mono web solution



Lumirror PA45

HEAT SEALABLE PET FILM

Summary

PA45 is designed for printing, laminating, and heat sealing in packaging applications.

Technical Data *

PROPERTIES		METHOD	UNITS	TYPICAL VALUES			
Thickness		-	0.00001"	48	60	80	120
Nominal Yield		-	in ² /lb	41,200	32,900	24,700	16,500
Tensile Strength at Break	MD	ASTM D882	lb/in ²	35,000	35,700	37,800	32,300
	TD			31,300	32,900	34,100	36,300
Young's Modulus	MD	ASTM D882	lb/in ²	678,500	665,700	662,800	665,700
	TD			688,400	671,300	678,500	746,700
Elongation at Break	MD	ASTM D882	%	120	120	110	150
	TD			120	130	120	120
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.3	2.1	2.2	1.9
	TD			0.7	0.7	0.8	0.6
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ _S	0.7	0.5	0.4	0.4
			μ _D	0.7	0.4	0.3	0.3
Haze (1 sheet)		ASTM 1003	%	2.7	3.3	3.9	6.3
Seal Initiation Temp		Toray Method	°F	250.0	250.0	250.0	250.0
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in ² /day	2.9	2.3	1.8	1.1
O ₂ Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in ² /day	8.0	6.7	5.0	3.3

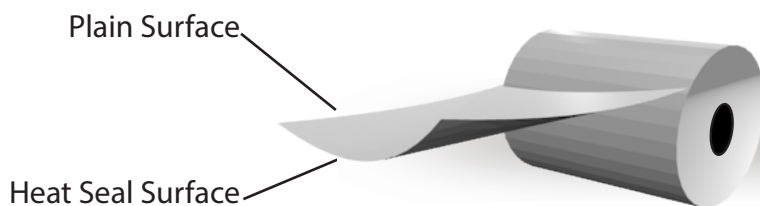
Key Features

- Sealable to itself or to other materials such as: APET, PETG, PVDC or sheet metal
- The non-sealing side has the standard properties of a plain polyester film
- Excellent dimensional stability at higher temperatures
- Complies with US FDA 21 CFR 177.1630 requirements for food packaging applications
- Drug Master File listed #17749

Similar Products

- PA26
- PA25

Winding Direction



* These values do not constitute specific binding specifications

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