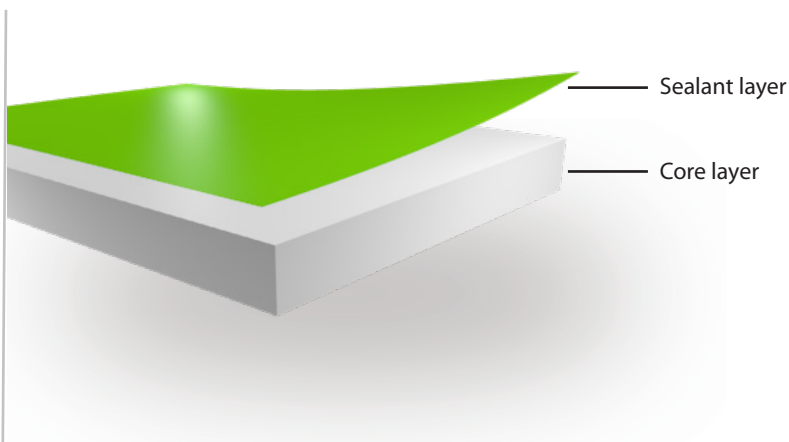


# Lumirror XL5

## Applications

- Lidding



PEELABLE LIDDING FILM,  
SEALABLE TO MOST RIGID  
SURFACES

## Summary

XL5 is a transparent polyester lidding film for peelable seals to most rigid substrates used in today's packaging.

## Technical Data \*

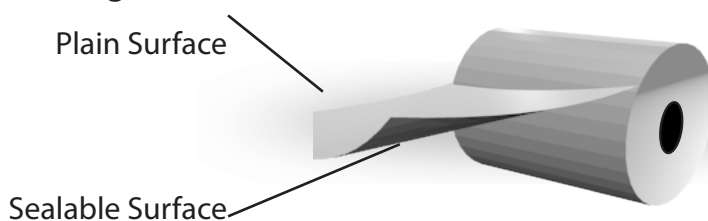
PROPERTIES	METHOD	UNITS	TYPICAL VALUES				
Thickness	-	0.00001"	92	118	148	164	
Nominal Yield	-	in <sup>2</sup> /lb	27,100	20,600	15,400	14,200	
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	14,600	15,800	20,100	20,600
	TD			14,100	15,100	21,200	20,900
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	331,400	318,600	375,500	453,700
	TD			327,100	344,200	409,600	462,300
Elongation at Break	MD	ASTM D882	%	100	110	140	140
	TD			100	110	120	130
MVTR - 100 °F, 90% RH	ASTM F1249	g/100in <sup>2</sup> /day	2.3	1.9	1.2	1.2	
O <sub>2</sub> Barrier 73 °F	ASTM D3985	cc/100in <sup>2</sup> /day	11.0	8.0	4.0	4.0	

The product described is covered by one or more of the following patents or patents pending:  
 US 6844078, US 14529750, EP 1474289, EP 14874113.5

## Key Features

- Peelable seals to CPET, APET, APET paperboard, HDPE, PP, HIPS, PETG, PVC, aluminum foil, glass, blended trays, cups, bottles and many others
- Excellent broad seal range and seals through food residue
- Peelable hot or cold
- Clean peelable seals, no sealant residue
- Solvent free process, ensures the films are odor free and contamination free
- Dual ovenable up to 400°F for 30 minutes
- This film may be used as a lid or closure for containers intended to contact all food types, other than beverages exceeding 50% alcohol by volume, under Conditions of Use A through H as described in 21 C.F.R. § 176.170(c), Table 2. Such use may properly be said to comply fully with the Federal Food, Drug, and Cosmetic Act and all applicable food additive regulations, including 21 C.F.R. § 177.1210

## Winding Direction



\* These values do not constitute specific binding specifications

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Lumirror® is a registered trademark of Toray Industries, Inc. for its range of Polyester Films based on Polyethylene Terephthalate (PET).