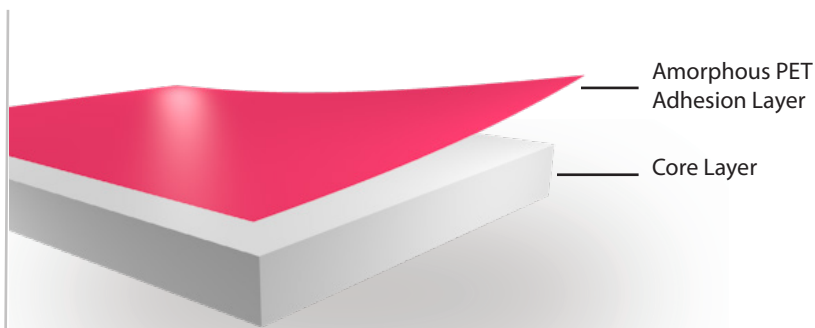


# Lumirror GA10

## Applications

- Gamma Sterilization
- Medical Packaging



Lumirror GA10

TWO LAYER PET FILM,  
ONE SIDE FOR ADHESION  
PROMOTION

## Summary

GA10 is a polyester film designed for gamma sterilization and medical packaging. One side is modified to improve adhesion in printing and laminating applications.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES				
Thickness		-		25	32	36	48	92
Nominal Yield		-	in <sup>2</sup> /lb	79,100	61,800	54,900	41,200	21,500
F-5	MD	ASTM D882	lb/in <sup>2</sup>	15,200	15,800	15,600	15,600	15,200
	TD			13,500	14,400	14,400	14,500	14,800
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	37,700	39,700	40,300	40,700	34,700
	TD			34,600	36,300	36,100	36,700	39,400
Young's Modulus	MD	ASTM D882	lb/in <sup>2</sup>	547,600	743,900	738,200	733,900	669,900
	TD			624,400	732,500	739,600	749,600	739,600
Elongation at Break	MD	ASTM D882	%	90	100	100	110	150
	TD			100	110	110	120	120
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	2.8	2.4	2.4	2.2	1.9
	TD			1.6	1.4	1.1	1.0	0.6
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ <sub>s</sub>	0.8	0.6	0.5	0.4	0.4
			μ <sub>D</sub>	0.7	0.5	0.5	0.4	0.3
Haze (1 sheet)		ASTM 1003	%	2.9	3.2	3.3	3.6	5.7
MVTR - 100 °F, 90% RH		ASTM F1249		5.6	4.4	3.9	2.9	1.4
O <sub>2</sub> Barrier - 73 °F, 0% RH		ASTM D3985		15.4	12.0	11.0	8.0	4.0

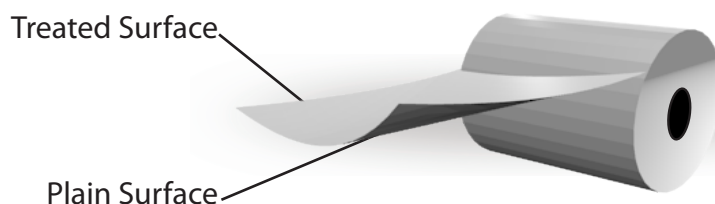
## Key Features

- Excellent tensile and elongation properties after gamma irradiation sterilization
- Good machinability due to surface roughness properties
- Improved adhesion of inks, adhesives, cohesives and polyethylene on the modified surface
- 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

- GA66
- GA25

## Winding Direction



\* These values do not constitute specific binding specifications

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