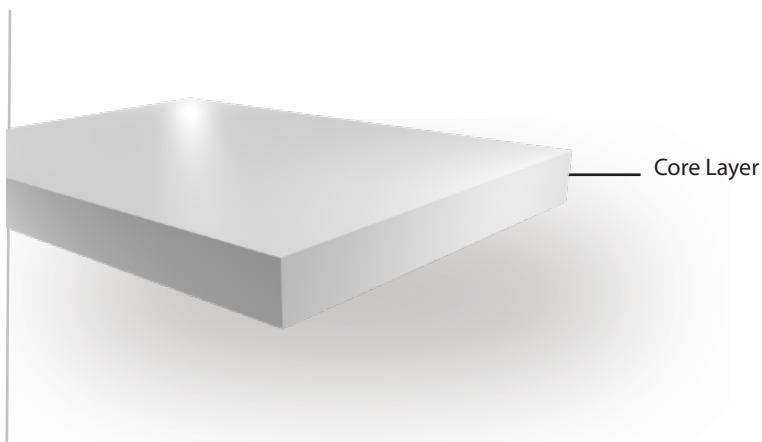


# Lumirror GA66

## Applications

- Gamma Sterilization
- Medical packaging



Lumirror GA66

## MONO LAYER PET FILM FOR MEDICAL APPLICATIONS

## Summary

GA66 is a plain transparent polyester film designed for gamma sterilization and medical packaging.

## Technical Data \*

PROPERTIES		METHOD	UNITS	TYPICAL VALUES			
Thickness		-	0.00001"	48	75	92	200
Nominal Yield		-	in <sup>2</sup> /lb	41,200	26,400	21,500	9,900
F-5	MD	ASTM D882	lb/in <sup>2</sup>	15,100	15,400	14,900	15,200
	TD			13,900	13,700	14,100	14,100
Tensile Strength at Break	MD	ASTM D882	lb/in <sup>2</sup>	35,400	35,300	30,700	26,000
	TD			34,300	32,700	35,100	30,300
Elongation at Break	MD	ASTM D882	%	130	130	160	180
	TD			120	140	130	130
Heat Shrinkage (150°C for 30 minutes)	MD	ASTM D1204	%	1.6	1.5	1.4	1.3
	TD			0.3	0.2	0.2	0.2
Coefficient of Friction	A-side vs. B-side	ASTM D1894	μ <sub>s</sub>	0.4	0.4	0.4	0.4
			μ <sub>D</sub>	0.3	0.3	0.3	0.3
MVTR - 100 °F, 90% RH		ASTM F1249	g/100in <sup>2</sup> /day	2.9	1.9	1.4	0.0
O <sub>2</sub> Barrier - 73 °F, 0% RH		ASTM D3985	cc/100in <sup>2</sup> /day	8.0	5.0	4.0	0.0

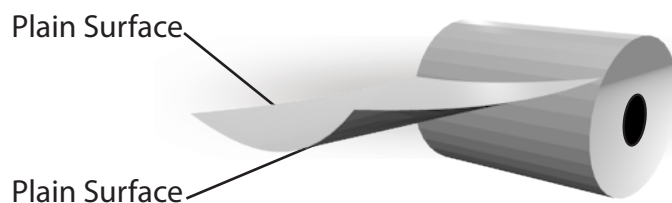
### Key Features

- 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

- GA10
- GA25

### Winding Direction



\* These values do not constitute specific binding specifications

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