

# MYLAR® RL4

## DESCRIPTION:

MYLAR® RL4 is a biaxially oriented polyester with an EVA heat seal layer. It is used as a heat sealable lidding film in packaging frozen and refrigerated food.

## CHARACTERISTICS:

- Seals to APET, PETG, CPET, Polyester Coated Paperboard, PVC, HDPE and HIPS
- Dual ovenable
- Thickness of heat seal layer and heat seal strength is intermediate between RL31 and RL32
- Lower seal initiation temperature than lidding films with an APET heat seal layer
- Can withstand freezing temperatures down to -40°F and heating up to 400°F
- Corona treated version (**RL4T**) is available in 50, 75, and 100 gauges upon request

## FDA STATUS:

Manufactured with material compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES				TEST METHOD
		50	75	100	150*	
Thickness	Gauge	50	75	100	150*	-
Yield	ln <sup>2</sup> /lb	28,900	20,800	17,700	12,200	-
Tensile Strength MD at break	psi	25,000	25,000	25,000	25,000	ASTM D882A
Tensile Strength TD at break	psi	35,000	35,000	35,000	35,000	ASTM D882A
Elongation at Break MD	%	110	110	110	110	ASTM D882A
Elongation at Break TD	%	80	80	80	80	ASTM D882A
Oxygen Transmission Rate	cm <sup>3</sup> /100 in <sup>2</sup> /day atm	9	7	5	3	ASTM D3985 72°F
WVTR	g/100 in <sup>2</sup> /day	2.8	1.9	1.3	0.9	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb	0.7	0.9	1.1	1.3	ASTM D1004

MYLAR® is a registered trademark of DuPont Teijin Films for its polyester film. Only DuPont Teijin Films make MYLAR®

\*This gauge is not commercially available at this time, but could be developed for an appropriate application.

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