

MYLAR® RL44T

DESCRIPTION:

MYLAR® RL44T is a biaxially oriented polyester with an EVA heat seal layer and corona treatment on the non-heat seal side. It is used as a heat sealable lidding film in packaging frozen and refrigerated food.

CHARACTERISTICS:

- Designed to produce strong heat seals to polypropylene as well as APET, PETG, CPET, polyester coated paperboard, PVC, HDPE and HIPS
- Microwaveable but not dual ovenable
- Thicker seal layer than RL43-F produces highest seal strengths to PP and tends to produce tearing seals to non-polar substrates under chilled conditions
- Can withstand freezing temperatures down to -40°F and heating up to 400°F
- Corona treatment enhances printing and laminating

FDA STATUS:

Manufactured with material compliant with FDA regulations.

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	Gauge	100	-
Yield	ln ² /lb	14,800	-
Tensile Strength MD at break	psi	25,000	ASTM D882A
Tensile Strength TD at break	psi	35,000	ASTM D882A
Elongation at Break MD	%	110	ASTM D882A
Elongation at Break TD	%	80	ASTM D882A
Gas Permeability O ₂ , 24 hr	cc/100in ²	5	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in ² /day	1.3	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb	1.1	ASTM D1004
Surface Tension	Dyne	54	-

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