

MYLAR® RL44 PET Film

DESCRIPTION

MYLAR RL44 is a biaxially oriented polyester (BOPET) film with an EVA heat seal layer that is used as a 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
- Dual ovenable
- Thicker seal layer than RL43 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 treated version (RL44T) available upon request

FDA STATUS

Manufactured with materials compliant with FDA regulations.

COMPLIANCE

Please visit <https://www.transcendia.com/compliance> for more compliance information.

TECHNICAL DATA

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES	TEST METHOD
Thickness	gauge	100	-
Yield	in 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/1ATM
WVTR	g/100 in ² /day	1.3	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb.	1.1	ASTM D1004

These values represent typical performance data for Mylar Specialty Films.

Mylar® is a registered trademark Mylar Specialty Films.

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