

MYLAR® RL44 Polyester (PET)

DESCRIPTION

MYLAR RL44 is a biaxially oriented polyester (PET) film with an EVA heat seal layer that 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
- 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 -400°F and heating up to 400°F
- Corona treated version (RL44T-F) 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/1 ATM
WVTR	g/100 in ² /day	1.3	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb	1.1	ASTM D1004

These values are typical performance data for Dupont Mylar® film.

*All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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