

# MYLAR® RL51

## DESCRIPTION:

MYLAR® RL51 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:

- Good, generally strippable heat seals to APET, PETG, CPET, polyester coated paperboard, PVC, HDPE, and HIPS
- Dual ovenable
- Not recommended for applications where “caulking” is required
- Can withstand freezing temperatures down to -40°F and heating up to 400°F
- Corona treated version (**RL51T**) available upon request

## FDA STATUS:

Manufactured with material compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES			TEST METHOD
		50	75	100	
Thickness	Gauge	50	75	100	-
Yield	ln <sup>2</sup> /lb	34,500	23,600	19,500	-
Tensile Strength MD at break	psi	25,000	25,000	25,000	ASTM D882A
Tensile Strength TD at break	psi	35,000	35,000	35,000	ASTM D882A
Elongation at Break MD	%	110	110	110	ASTM D882A
Elongation at Break TD	%	80	80	80	ASTM D882A
Gas Permeability O <sub>2</sub> , 24 hr	cc/100in <sup>2</sup>	9	7	5	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in <sup>2</sup> /day	2.8	1.9	1.3	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb	0.7	0.9	1.1	ASTM D1004

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

\*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.

Revision Date: 10/30/2017

**CORPORATE HEADQUARTERS** 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

[TRANSCENDIA.COM](http://TRANSCENDIA.COM)

© 2016 Transcendia Inc. All Rights Reserved.