

# MYLAR® OL3

## DESCRIPTION:

MYLAR® OL3 is a biaxially oriented polyester film with a thick amorphous polyester heat seal layer designed specifically for giving leak proof/peelable seals to ridged APET coated card trays and smooth walled aluminum foil trays.

## CHARACTERISTICS:

- Very strong peelable seal to APET, CPET, Polyester Coated Paperboard and Aluminum Foil
- Dual ovenable
- Thicker seal layer produces higher seal strengths than OL
- Self-venting
- Cheese release
- Can withstand freezing temperatures down to -94°F and heating up to 425°F
- Corona treated version (**OL3T**) available upon request.

## FDA STATUS:

Manufactured with material compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUES		TEST METHOD
Thickness	Gauge	50	100	-
Yield	ln <sup>2</sup> /lb	30,800	18,420	-
Tensile Strength MD at break	psi	26,000	26,000	ASTM D882A
Tensile Strength TD at break	psi	32,000	32,000	ASTM D882A
Elongation at Break MD	%	120	120	ASTM D882A
Elongation at Break TD	%	80	80	ASTM D882A
Gas Permeability O <sub>2</sub> , 24 hr	cc/100in <sup>2</sup>	9	5	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in <sup>2</sup> /day	2.8	1.3	ASTM F1249 38°C, 90% RH
Heat seal strength (seal to APET/CPET tray)	g/in	-	1100	180°C/80 psi/2 sec
Heat seal strength (seal to seal)	g/in	-	1000	140°C/40 psi/1 sec
Shrinkage MD	%	-	4	Unrestrained @ 190°C/5 min
Shrinkage TD	%	-	1	Unrestrained @ 190°C/5 min
Upper melt temp	°F	-	491 – 500	ASTM E794-85

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