

# MYLAR® OL12

## DESCRIPTION:

MYLAR® OL12 is a biaxially oriented polyester film with an amorphous polyester heat seal layer. It is used as a heat sealable lidding film in packaging refrigerated and frozen foods.

## CHARACTERISTICS:

- Strong, aggressive seals to APET, PETG, CPET, Polyester coated paperboard and PVC
- Dual ovenable
- Higher hot tack and a thicker seal layer than either OL or OL2 and can be used in hot fill applications
- Self venting
- Excellent grease and oil resistance
- Can withstand freezing temperatures down to -40°F and heating up to 400°F
- Corona treated version (**OL12T**) available upon request.
- May be hard to peel without shredding

## FDA STATUS:

Manufactured with material compliant with FDA regulations.

## TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE			TEST METHOD
Thickness	Gauge	50	100	150	-
Yield	In <sup>2</sup> /lb	30,800	18,400	12,500	-
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	5	3	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in <sup>2</sup> /day	2.8	1.3	0.9	ASTM F1249 38°C, 90% RH
Tear (Graves)	lb	0.7	1.1	1.3	ASTM D1004

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