

MYLAR® OL12AT

DESCRIPTION:

MYLAR® OL12AT is a biaxially oriented polyester film with an amorphous polyester heat seal layer on one side and corona treated on the opposite side. The corona treated side also has an anti-fogging capability to provide better clarity when stored and displayed in refrigerated conditions.

CHARACTERISTICS:

- Dual ovenable
- Corona treatment promotes adhesion of inks and adhesives
- Strong, aggressive seals to APET, PETG, CPET, Polyester coated paperboard and PVC
- 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
- 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	ln ² /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 ₂ , 24 hr	cc/100in ²	9	5	3	ASTM D3985 22°C/75% RH/1 ATM
WVTR	g/100 in ² /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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