

Product Description:

Mylar® OL12AF is a biaxially oriented polyester film featuring a heat-sealable coating on one side and plain polyester on the other. Its heat-seal layer incorporates anti-fog properties, helping to minimise fogging during freezing, chilling and cooking applications.

Mylar® OL12AF can be used for ready meals, where security of seal at room temperature is required.

It can also be used to improve clarity, when 'breathable' products such as fresh vegetables are packed.

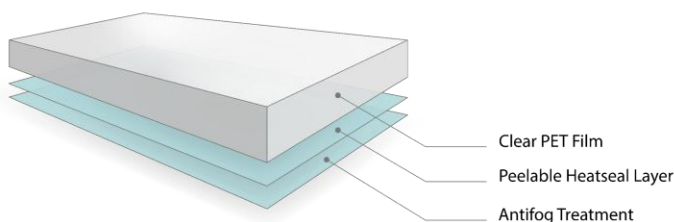
The product can be heat-sealed to itself, APET/CPET trays, polyester coated board and PVC.

It seals in the range 140°C to 200°C, providing a strong seal at room temperature which becomes peelable when heated.

Dual-ovenable ready meals sealed with Mylar® OL12AF can be cooked at typically 220°C for 30mins, yet withstand temperatures as low as -70°C.

Key Features:

- Forms a strong seal when cold, but provides easy-peel aftercooking
- Dual-ovenable over a wide temperature range
- Self-venting for steam release, during cooking
- Excellent anti-fog properties
- Available corona treated on the plain surface for improved printability (Mylar® OL12AFT)
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Storage

Recommended storage conditions: 10°C – 25°C; 20% – 50% RH
Shelf Life: 12 months from delivery date (under recommended storage conditions)

TYPICAL VALUES		MD = Machine Direction, TD = Transverse Direction			
Property	Test method	Unit	Direction	Typical values	
Film name	-	-		OL12AF	
Film thickness	-	micron		28	41
Film yield	-	m ² /Kg		26	18
Unit weight	-	g/m ²		38	56
Density	ASTM D1505	g/cc		1.39	
Oxygen permeability	Oxtran 23°C, 60/70% RH	cm ³ /m ² /day/atm		75	45
Water vapour transmission rate	Lyssy 38°C, 90% RH	g/m ² /day/atm		20	14
Tensile strength at break (minimum)	ASTM D882-83	Kgf/mm2	MD	18.5	
			TD	23	
Elongation at break	ASTM D882-83	%	MD	120	
			TD	80	
Upper melt temperature	ASTM E794-85	°C		255 - 260	
Sealing temperature range	-	°C		140 - 200	
Heat-seal strength seal to seal	140°C / 40psi / 1 sec	g/25mm		1500	
Heat-seal strength to APET/CPET tray	180°C / 80psi / 1 sec	g/25mm		1300	
Coefficient of thermal expansion (between 20 and 50°C)	-	cm/cm/°C	MD	19 x 10 ⁻⁶	
			TD	16 x 10 ⁻⁶	
Shrinkage	5 mins @ 190°C	%	MD	4	
			TD	1	

Mylar® OL12, OL12AF, OL12T & OL12AFT comply with European regulation EU10/2011 and its amendment 1282/2011 relating to materials and articles intended to come into contact with food



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