

Product Description:

Mylar® OL13 is a biaxially oriented polyester film with a heat-sealable coating on one surface and plain polyester on the other.

The heat-seal surface is capable of sealing to rough or porous surfaces and to trays with preformed creases at the corners.

Mylar® OL13 can be heat-sealed to itself, APET/CPET trays and polyester coated board.

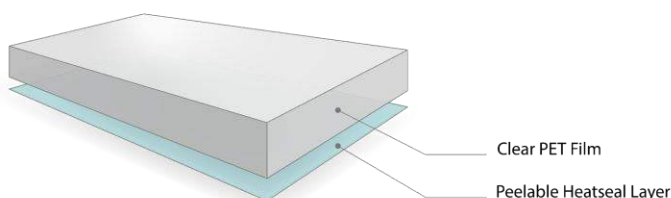
It seals in the range 140°C to 220°C, reaching full strength in one hour and provides a very strong seal at room temperature which becomes peelable when heated.

Ideal for use as a lidding film, dual-ovenable ready meals sealed with Mylar® OL13 can be cooked typically at 220°C for 30mins, yet withstand temperatures as low as -70°C.

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

Key Features:

- Dual ovenable over a wide temperature range
- Forms a very strong seal when cold, but provides easy-peel after cooking
- Available corona treated on the plain surface for improved printability
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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	-	-		25OL13
Film thickness	-	micron		31
Film yield	-	m ² /Kg		24
Unit weight	-	g/m ²		42
Density	ASTM D1505	g/cc		1.39
Oxygen permeability	Oxtran 23°C, 60/70% RH	cm ³ /m ² /day/atm		75
Water vapour transmission rate	Lyssy 38°C, 90% RH	g/m ² /day/atm		20
Tensile strength at break (minimum)	ASTM D882-83	Kgf/mm ²	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 - 220
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® OL13, OL13T, OL13AF & OL13AFT 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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