



A guide to  
**Mylar® polyester films**  
Heat Sealable Range



# Mylar<sup>®</sup> polyester film OL Film Family



## Peelable Seals



### The Mylar<sup>®</sup> OL Film Family

- Seals to APET, CPET, PVC, Paper, Aluminium foil and itself
- Peelable seals
- Dual ovenable (conventional oven and microwave)
- Good aroma barrier
- Typical seal conditions: 180°C/80psi/1 second
- Full seal strength is reached one hour after sealing
- Available with Anti-Fog (AF) pre-treatment (OLAF, OL12AF, OL13AF)
- Available with Corona treatment (OLT, OLAF, OL2T, OL12T, OL13T).

### Mylar<sup>®</sup> OL

- Smooth peel
- Self-vents during cooking for steam release
- Peels both hot and cold
- Available with Anti-Fog (AF)
- Available with Corona treatment (T).

### Mylar<sup>®</sup> OL2

- Firm peel
- Self-vents during cooking for steam release
- Peels when hot, but can tear when cold
- Available with Corona treatment (T).

### Mylar<sup>®</sup> OL12

- Strong, resistant-peel seals
- Seals well through contamination
- Weld seal when cold and then peels when hot
- Suitable for use in 'balanced pressure' autoclave for pasteurisation
- Available with Anti-Fog (AF)
- Available with Corona treatment (T).

### Mylar<sup>®</sup> OL13

- Thick coating layer for sealing to rough surfaces
- Performs well on ridged trays by 'gap-filling'
- NOT typically used for APET/CPET trays
- Available with Anti-Fog (AF)
- Available with Corona treatment (T).

### Typical applications

- Tray lidding for ready meals, salads, fresh produce, etc.
- Flow wrap for ovenable bakery products

# Mylar<sup>®</sup> polyester film 850 Film Family

## Permanent Seals



### The Mylar<sup>®</sup> 850 Film Family

- Seals to APET, CPET, PVC, Paper, Aluminium foil and itself
- Non-peeling seals
- Dual ovenable (conventional ovens and microwave)
- Typical seal conditions: 180°C/80psi/1 second
- Excellent Hot Tack
- Suitable for use in 'balanced pressure' autoclave for pasteurisation
- Seals well through contamination
- Superb odour and aroma barrier properties.

### Mylar<sup>®</sup> 850

- Non-peeling weld seals before and after cooking
- High seal strength
- Excellent clarity
- Superb performance through contamination.

### Mylar<sup>®</sup> 850AF

- Permanent seal
- Suitable for contaminated seal environments
- Anti-Fog (AF) pre-treatment.

### Mylar<sup>®</sup> 852

- As 850, but slip-treated on the sealable surface
- Recommended for metallised sealable applications
- Can increase line speeds because of improved handleability.

### Mylar<sup>®</sup> D853

- Permanent seal
- Improved Handleability
- Chemically pre-treated for ink adhesion.

### Typical applications

- Tray lidding for ready meals
- Flow wrap for ovenable and highly aromatic products (eg, air fresheners)
- Backing for blister packaging.

# Mylar® polyester film RL Film Family

## Peelable Seals

### The Mylar® RL Film Family

- Seals to PS, PP, PE, PVC, APET, CPET, Aluminium foil
- Peelable seals
- Microwaveable
- Better resistance to attack by greases or acid than similar competitive products
- Good aroma barrier
- Full seal strength is reached one hour after sealing
- Typical seal conditions: 140°C/40psi/1 second (180°C/80psi/1 second for PP trays)
- Available with Anti-Fog (AF) pre-treatment (RL42 AF)
- Available with Corona treatment (RL32T).

### Mylar® RL32

- Strong peel
- Peelable seal when hot and cold
- **Popular choice for majority of applications**
- Available with Corona treatment (T).

### Mylar® RL33

- Thick coating layer for sealing to rough surfaces
- Can be used to give higher seal strengths to PP when necessary.

### Mylar® RL42AF

- Strong peelable seal
- Suitable for lidding wide range of containers; sandwich, ready meals
- Anti-Fog (AF) pre-treatment.

### Typical applications

- Lidding for sandwich trays or yellow-fat tubs, as a single web or as the base web of a laminate
- Lidding for salads/vegetables in PS/PP trays
- Lidding for trifles/desserts in PS trays.



# Heat Sealable Polyester Films Toolbox

Mylar® polyester films	FILM COATING		ORDER CODE PREFIX (For OL & RL grades)			COMPATIBLE SUBSTRATES						PEEL FORCE					OVENABILITY		TREATMENT	
	CLEAR / WHITE	APET SEALANT LAYER EVA SEALANT LAYER	14	25	40	APET, CPET, PETG	ALUMINIUM FOIL, GLASS	PVC, PVdC, EVA, PAPER	PS, HIPS, Nylon	PP / TYVEK	PE	EASY	FIRM	STRONG	VERY STRONG	PERMANENT WELD SEAL	MICROWAVE	CONVENTIONAL	ANTI-FOG	CORONA
			ACTUAL FILM THICKNESS (MICRON)																	
OL	C	✓	14	24	38	✓	✓	✓			✓					✓	✓			
OLT	C	✓	14	24		✓	✓	✓			✓					✓	✓		✓	
OLAF	C	✓		26	39	✓	✓	✓				✓				✓	✓	✓		
OLAFT	C	✓	15	26	39	✓	✓	✓				✓				✓	✓	✓	✓	
OL2	C	✓	15	25		✓	✓	✓				✓				✓	✓			
OL2T	C	✓	15	25		✓	✓	✓				✓				✓	✓		✓	
OL3T	C	✓		28		✓	✓	✓					✓			✓	✓		✓	
OL12	C	✓		28	41	✓	✓	✓					✓			✓	✓			
OL12AF	C	✓		28	41	✓	✓	✓					✓			✓	✓	✓		
OL12T	C	✓	17			✓	✓	✓					✓			✓	✓		✓	
OL13	C	✓		31			✓	✓						✓		✓	✓			
OL13AF	C	✓		31			✓	✓						✓		✓	✓	✓		
OL13T	C	✓		31			✓	✓					✓			✓	✓		✓	
850	C	✓	15	20	30	✓	✓	✓							✓	✓	✓			
850AF	C	✓			30	✓	✓	✓							✓	✓	✓	✓		
852	C	✓	15	20	30	✓	✓	✓							✓	✓	✓			
D853	C	✓			30	✓	✓	✓							✓	✓	✓			
RL32	C		✓	19	30	43	✓	✓	✓	✓	✓	✓				✓				
RL32T	C		✓	19			✓	✓	✓	✓	✓	✓				✓			✓	
RL33	C		✓	23	34		✓	✓	✓	✓	✓		✓			✓				
RL42AF	C		✓	19	30		✓	✓	✓	✓	✓	✓				✓		✓		

**Note:** All above thicknesses are rounded to nearest 0.5mm. The majority of the OL and RL films are available with corona treatment for improved printing and laminating (order code T), and the majority of the OL films are also available with anti-fog treatment (order code AF) to minimise 'fog' during freezing, chilling and cooking. Please check with your DTF representative for exact details.

## Contact Details

<b>DuPont Teijin Films Worldwide</b>	
<b>United States</b> DuPont Teijin Films PO Box 411 One Discovery Drive Hopewell VA 23860 Tel: + 1 (0) 800 648 1926 x9474 + 1 (0) 804 530 9474 Fax + 1 (0) 804 530 9867	<b>Asia Pacific</b> Teijin DuPont Films Japan Limited Iino Bldg, 1-1, Uchisaiwai-Cho 2-Chome Chiyoda-Ku, Tokyo, 100-8585, Japan Tel: +81-(0)3-3506-4243 Fax: +81-(0)3-3506-4378
<b>Continental Europe</b> DuPont Teijin Films Luxembourg SA BP - 1681 L-1016 Luxembourg Tel: + 352 (0) 2616 4004 Fax: + 352 (0) 2616 5000	
<b>Internet/World Wide Web:</b> <a href="http://www.dupontteijinfilms.com">www.dupontteijinfilms.com</a>	<b>Packaging email:</b> <a href="mailto:packaging.films@gbr.dupont.com">packaging.films@gbr.dupont.com</a>

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