

**Mylar® polyester film**  
Only by DuPont Teijin Films

## Eye-Catching and Convenient Packaging for Ready Meals



### Application Description

Printed sealable, peelable lids for high quality ready meals.

### Benefits

- Cook in the pack convenience – pierce and cook
- Eye-catching graphics remove need for carton outer sleeve
- Seals are permanent and tamper-evident when cold, peelable when pack is re-heated

### DuPont Teijin Films material selected and why

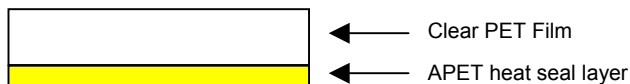
Reverse-printed Mylar® OL12 combined with a Mylar® for printing, combines excellent graphic reproduction with the convenience of easy-opening after re-heating.

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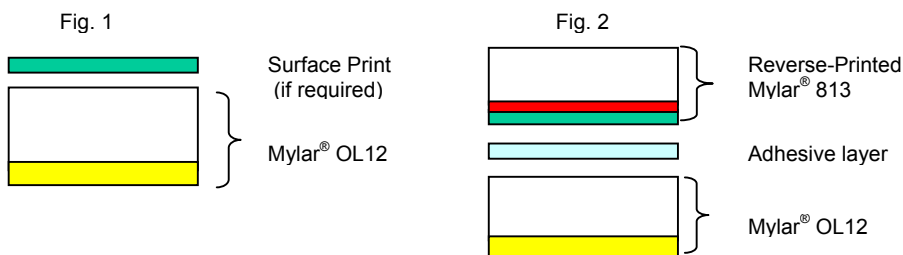
## Technical Information – Mylar® OL12

### Product Description

Mylar® OL12 is a biaxially orientated polyester film with an amorphous polyester heat seal layer. Mylar® OL12 gives a very strong seal at room temperature which typically becomes peelable when heated. Mylar® OL12 gives sealability to a wide range of polar materials including itself, APET, CPET, polyester coated board, and PVC but does not seal to polyolefines, such as polypropylene and polystyrene. DuPont Teijin Films offers another family of lidding films (Mylar® RL) for sealing to these substrates. Mylar® OL12 is dual ovenable (conventional oven and microwave) It is available in thicknesses of 28 and 41 µm.



**Typical Applications:** Mylar® OL12 can be used as a single web (Fig. 1) or as part of a laminate (Fig. 2) in lidding applications, for example ready meals, when security of seal at room temperature is required.



**Practical Information:** Mylar® OL12 can be sealed at a wide range of temperatures between 140°C and 200°C. The film seals instantly, but full seal strength is reached one hour after sealing. Mylar® OL12 typically gives a very secure seal performance at room temperature whilst still peeling after ovening. Typically thinner grades, if used as a single web, will give film tear on opening. Mylar® OL12 withstand freezer temperatures down to -70°C and food can be heated/cooked in this film at typical heating conditions of 220°C for 30 minutes. The sealable surface is normally wound on the inside of the reel.

### Special Features Available

**Printability:** Mylar® OL12 is available with a corona treatment on the non-seal side to give improved adhesion to typical packaging inks Mylar® OL12T). However corona treatment does deteriorate with time and in-line treatment during printing and laminating is still required.

**Anti-fog:** The Mylar® OL12 is available with anti-fog on the sealable surface (Mylar® OL12AF). This is specifically designed to minimise 'fog' during freezing, chilling and cooking operations, and also to aid clarity during packaging of 'breathable' products, like fresh vegetables.

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\*Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, see "DuPont Teijin Films Medical Caution Statement", H-50102-1-DTF.

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