



DuPont Teijin Films™

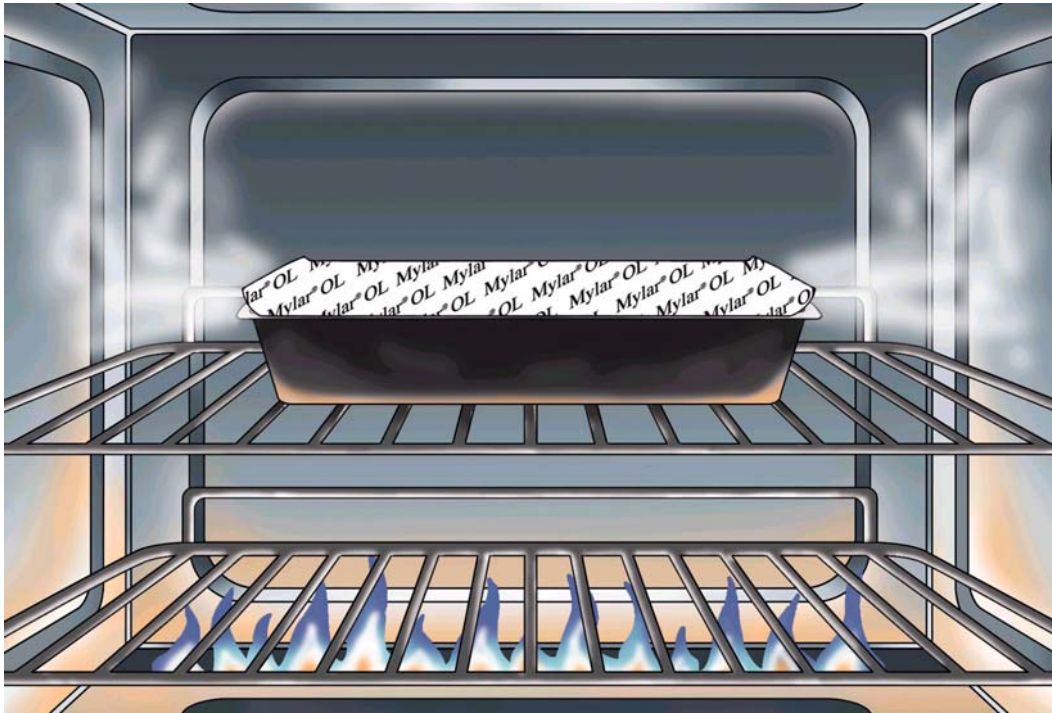
Polyester Films for Packaging

Application Profile

Ref : S/AP17/0901

Mylar® polyester film
Only by DuPont Teijin Films

Self Venting lidding for ready meals



Application Description

Lidding of ready meals in conventional or microwave ovens.

Benefits

- No more scissors or stabbing with a fork – opens in the oven to allow steam release
- Easy peeling when ready to eat
- No need for additional venting device

DuPont Teijin Films material selected and why

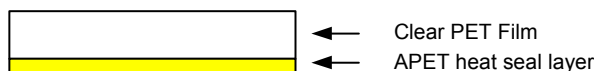
Mylar® OL offers excellent integral self-venting during oven or microwave cooking to allow steam release for perfectly cooked ready meals.

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Technical Information – Mylar® OL

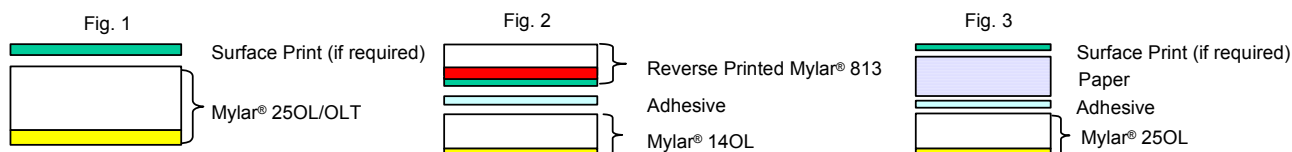
Product Description

Mylar® OL is a biaxially oriented polyester film with an amorphous polyester heat seal layer. Mylar® OL provides peelable seals to a wide range of polar materials including itself, APET, CPET, PETG, polyester coated board, polycarbonate and PVC, but does not seal to polyolefines, such as polypropylene, polyethylene and polystyrene. DuPont Tejiin Films offers another family of lidding films (Mylar® RL) for sealing to these substrates. Mylar® OL is designed to be self venting and dual ovenable (conventional and microwave) It is available in thicknesses of 13, 25 and 38 µm.



Typical Applications

Mylar® OL can be used as a single web (Fig. 1) or as part of a laminate in lidding applications (Figs 2. & 3.), for example ready meals or yellow fats and other applications where easy opening is important.



Practical Information

Mylar® OL can be sealed at a wide range of temperatures between 140°C-200°C. The film seals instantly, but full seal strength is reached one hour after sealing. Whilst Mylar® OL typically gives a peelable seal performance, thinner grades, if used as a single web, can give film tear on opening. Mylar® OL can withstand 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® OL is available with a corona treatment on the non-seal side to give improved adhesion to typical packaging inks (Mylar® OLT). However, corona treatment does deteriorate with time and in-line treatment during printing and laminating is still required.

Anti-fog: The Mylar® OL film is not available with an anti-fog. However, Mylar® OLAF is available which is based on Mylar® OL2. This is specifically designed to minimise 'fog' during freezing, chilling and cooking operations, and also to aid clarity during packaging of 'breathable' products such as 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 Tejiin Films Medical Caution Statement", H-50102-1-DTE.'

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