



DuPont Teijin Films™

Polyester Films for Packaging

Application Profile

Ref : S/AP16/0701

Mylar® polyester film
Only by DuPont Teijin Films

Mylar® OL2 for gourmet ready meals



Application Description

Lidding for high quality ready meals in epoxy coated aluminium trays

Benefits

- Dual ovenable
- Peelable seals for ease of opening
- Self-venting for steam release during re-heating
- Clarity

DuPont Teijin Films material selected and why

Mylar® OL2 was selected to provide a firm, peelable, strong seal, but easy opening when required and clarity for product identification

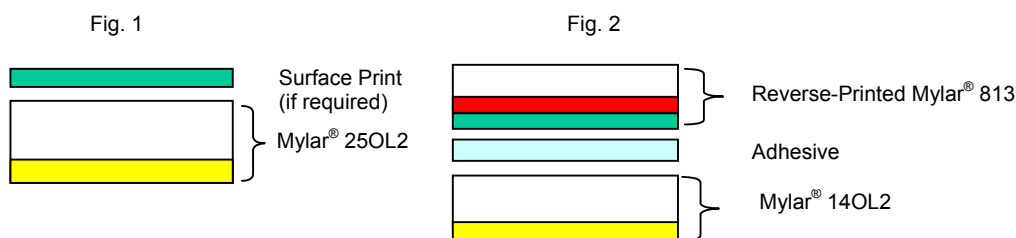
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Technical Information – Mylar® OL2

Product Description : Mylar® OL2 is a biaxially orientated polyester film with a thicker amorphous polyester heat seal layer than Mylar® OL. Mylar® OL2 provides a strong peelable seal 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 Teijin Films offers another family of lidding films (Mylar® RL) for sealing to these substrates. Mylar® OL2 is designed to be self venting and dual ovenable (conventional and microwave). It is available in thicknesses of 15 and 26 micron.



Typical Applications: Mylar® OL2 can be used as a single web (Fig. 1) or as part of a laminate (Fig. 2) in lidding applications, for example ready meals, and other applications where a strong seal but relatively easy opening is important



Practical Information: Mylar® OL2 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. Whilst Mylar® OL2 typically gives a strong peelable seal performance, thinner grades, if used as a single web, will give film tear on opening. Mylar® OL2 can 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® OL2 is available with a corona treatment on the non-seal side to give improved adhesion to typical packaging inks (Mylar® OL2T). However, corona treatment does deteriorate with time and in-line treatment during printing and laminating is still required.

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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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