Innovative *Polyester Films*

Convenience Packaging

Mylar® Ovenable Films
delivering innovative and effective packaging solutions
Mylar® Ovenable Solutions

The original and trusted producer of ovenable and microwaveable polyester films. Films for lidding and many other applications including flow-wrap and ovenable pouches.

Benefits
- A heat seal film for any ovenable container
- Designer peeling from easy peel through to permanent seal
- Self venting seals in both microwave and conventional ovens
- Outstanding performance on the shelf, in the freezer and in the oven
- Trusted reliable product range.

Microwaving using Mylar®
Mylar® polyester films do not absorb microwaves which means all of the energy goes into heating the food.

The food heats up rapidly, building up pressure in the pack due to steam generation. Mylar® polyester films are designed to be easily self venting, keeping the build up of steam inside the pack within safe limits.

Conventional Cooking using Mylar®
The cooking, roasting and baking temperatures used in conventional ovens create an aggressive environment for any plastic material to survive. Mylar® polyester films don’t just survive high temperature cooking but also cook safely, without tainting the food, bringing a multitude of benefits.

The unique crystalline structure and heat seal formulations of Mylar® polyester films mean that a packaging solution can be found for any food type, pack format, tray lidding, ovenable bag or flow-wrap application.

Mylar® Ovenable Films
DuPont Teijin Films have two unique ranges of films for ovenable lidding applications, Mylar® OL and Mylar® 850 portfolios. These have all been tested to the highest food approval standards and are safe to be used with all food types being cooked or re-heated using microwaves and conventional ovens.

Peelable Seal
The Mylar® OL product range is specifically designed to self vent during the cooking process and peel from the container, or from itself, in flow wrap applications. An innovative range of heat seal chemistries have been developed which allow “easy peel” through to “firm peel” and “strong peel” for various applications.

Where pack aesthetics are important all of these grades are available with our class leading anti-fog technology, giving excellent see through benefits, and also treatments for high impact printability.

Permanent Seal
The Mylar® 850 range of films provide the best in class permanent seal and tamper-evident technology. Permanent sealing films can also be used for in-pack pasteurisation, ovenable pouches and flow wrap as well as lidding applications where suppliers specify a weld or lock up seal.

Temperature Capability of Films

- PET
- OPP
- LDPE

Microwave Temperatures
Conventional Oven Temperatures

Temperature / °C

-50 -25 0 25 50 75 100 125 150 175 200 225
This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont Teijin Films makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

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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NOTE: All above thicknesses are rounded to nearest 0.5um. Please check with your DuPont Teijin Films representative for exact details.