



**DuPont Teijin Films™**

Polyester Films for Packaging

Application Profile

Ref : L/AP03/0200

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

## Multi-purpose Food Pouches



### Application Description

High quality printed pouch for liquid packaging.

### Benefits

- Opportunity for brand differentiation through high impact graphics
- Easy pack filling through film stiffness – lightweight and stable
- Resource efficient and convenient

### DuPont Teijin Films material selected and why

Mylar® 813 provides excellent print ability and robust laminate performance, giving peace of mind through the supply/distribution chain.

The goods represented above are only examples of possible applications. DuPont Teijin Films do not imply that any DuPont Teijin Films products have been used in the manufacture of such goods. All third party Trademarks and Brand names are recognised. Mylar® is a registered trademark of DuPont Teijin Films for its brand of polyester film. Only DuPont Teijin Films makes Mylar® brand films.

## Technical Information - Mylar® 813

### Product Description

Mylar® 813 is a biaxially oriented polyester film which is chemically pre-treated on one side to give improved ink adhesion. It is available in 12, 19 and 23 micron thickness.



### Typical Applications

Mylar® 813 is typically used as part of a laminate in flexible packaging, usually on the outside of the structure where the excellent print quality it produces, makes products stand out on retail display. The most common structures are the duplex (Fig.1) where the film is usually reverse printed, the triplex (Fig. 2) where the film is reverse printed and adhesively laminated to aluminium foil and polyethylene, and the metallised duplex (Fig. 3) where the film is usually surface printed.

Fig.1

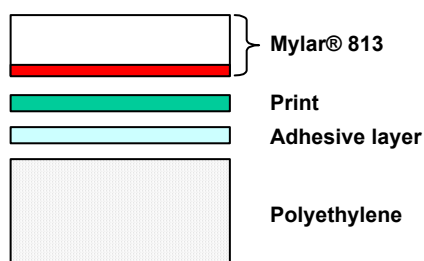


Fig.2

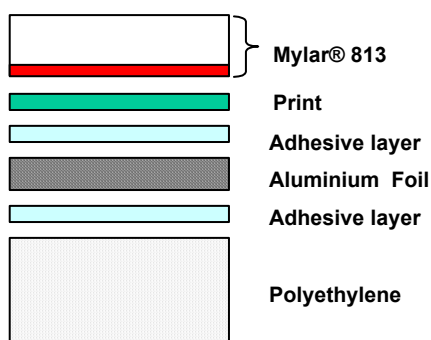
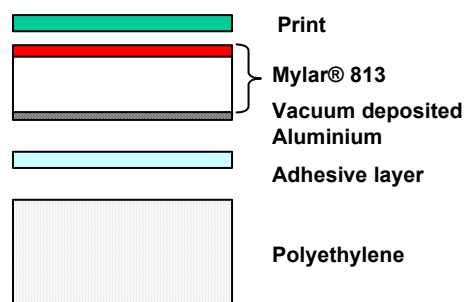


Fig.3



### Practical Information

Mylar® 813 is typically used with vinyl and modified nitro-cellulose inks however we would recommend trialling of the selected ink system to ensure compatibility with the specific adhesive/lamination process and final application requirements. Further information on inks suitable for printing Mylar® 813 and contact details for a range of ink suppliers are contained in the data sheet "Printing of Mylar® - Choice of Inks and Adhesives". Mylar® 813 is chemically pre-treated, and does not deteriorate with age unlike corona treatment. There is very little difference in surface energy or "dyne level" between the treated and non-treated surfaces. The pre-treated surface is always wound on the outside of the reel. Special pens which can be used to identify which side of the film is treated are available from DuPont Teijin Films. The film is often metallised on the non pre-treated side. Metallising on the pre-treated side is not recommended.

DuPont Teijin Films Contacts			
<b>United Kingdom</b> DuPont Teijin Films (UK) Ltd PO Box 2002 Middlesbrough England TS90 8JF Telephone +44 (0) 1642 572000 Fax +44 (0) 1642 572075	<b>Continental Europe</b> DuPont Teijin Films (Luxembourg) SA BP-1681 L-1016 Luxembourg Telephone +352 2616 4004 Fax +352 2616 5000	<b>United States</b> DuPont Teijin Films 1 Discovery Drive PO Box 411 Hopewell VA 23860 Telephone +1 (800) 635 4639 Fax +1 (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
<a href="http://www.dupontteijinfilms.com">http://www.dupontteijinfilms.com</a>			<a href="mailto:e-mail:packaging_films@gb.duPont.com">e-mail:packaging_films@gb.duPont.com</a>

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experiments. 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.

Melinex®, Mylar®, and Cronar® are registered trademarks of DuPont Teijin Films U.S. Limited Partnership. Teijin® and Tetoron® are registered trademarks of Teijin Limited and are licensed to DuPont Teijin Films US, Limited Partnership. Teonex® is registered trademark of Teijin DuPont Films Japan Limited and licensed to DuPont Teijin Films U.S. Limited Partnership. The goods represented above are only examples of possible applications. DuPont Teijin Films does not imply that any DuPont Teijin Films products have been used in the manufacture of such goods. All third party trademarks and brand names are recognised. The goods represented above are only examples of possible applications. DuPont Teijin Films does not imply that any DuPont Teijin Films products have been used in the manufacture of such goods. All third party trademarks and brand names are recognised.

'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.'

©2004 DuPont Teijin Films. All rights reserved