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.
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.

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.