



DuPont Teijin Films™

Polyester Films for Packaging

Application Profile

Ref : L/AP08/0601

Mylar® polyester film
Only by DuPont Teijin Films

Mylar® 813 for packaging of hair-care products



Application Description

High quality printed and metallized pouch for packaging of hair products

Benefits

- High impact graphics gives opportunities for brand differentiation
- 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.

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Technical Information - Mylar® 813

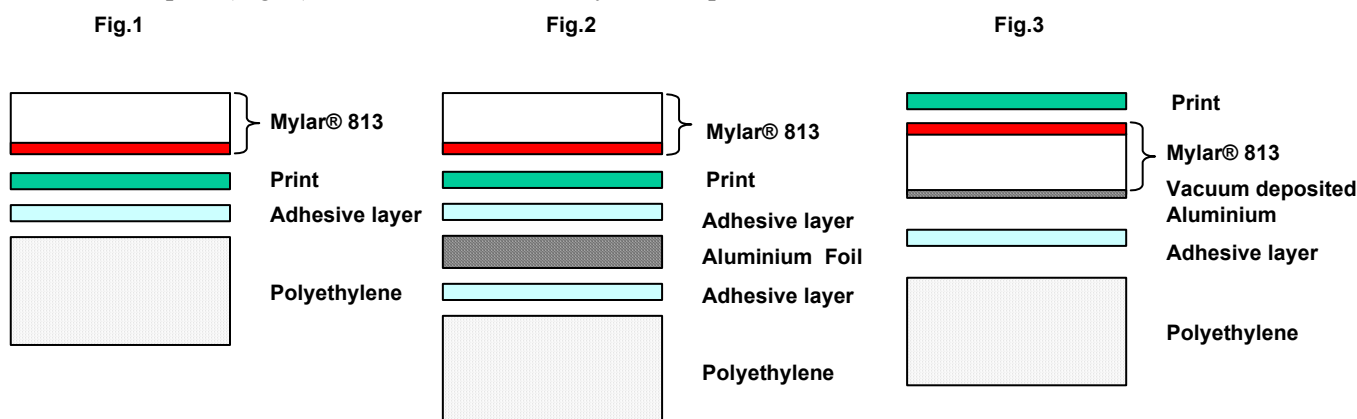
Product Description

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.

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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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