



**DuPont Teijin Films™**

Polyester Films for Packaging

Application Profile

Ref : L/AP06/0402

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

## Bag-in-Box – Wine Packaging



### Application Description

High barrier laminate for demanding bag-in-box liquid packaging of wines.

### Benefits

- Extended shelf life
- Retains integrity after sterilisation
- Strong packs for complete peace of mind

### DuPont Teijin Films material selected and why

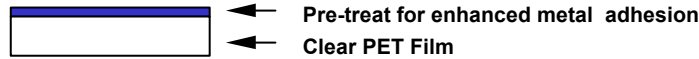
Mylar® 841 meets the requirements of high laminate bond strength, oxygen barrier and water resistance.

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## Technical Information – Mylar® 841

### Product Description

Mylar® 841 is a biaxially oriented polyester film, chemically pre-treated on one side to give improved adhesion to vacuum deposited metals, notably aluminium. It is available in a thickness of 12 micron.



### Typical Applications

Mylar® 841 is typically metallised and used as part of a laminate in flexible packaging applications. The most common structures are the duplex laminate (Fig.1) where the metallised film is adhesively laminated to polyethylene, and the triplex laminate (Fig.2) where polyethylene is adhesively laminated to both sides of the metallised film. Triplex laminates are typically used in 'bag-in box' packaging.

Fig.1

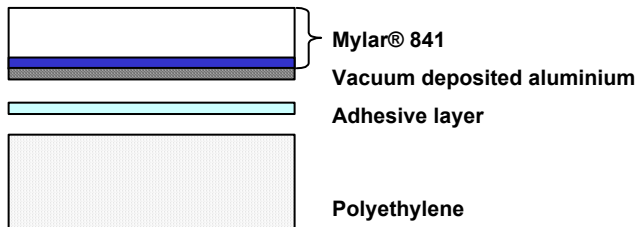
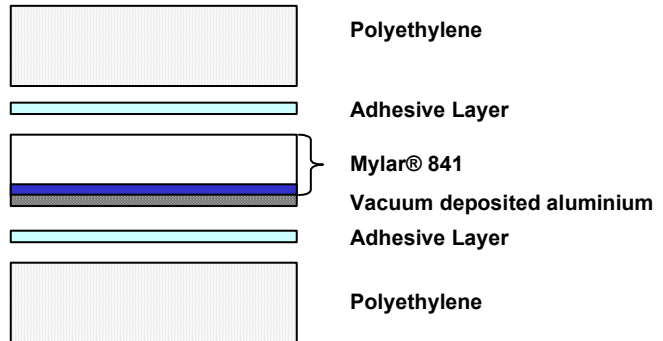


Fig. 2



### Practical Information

Mylar® 841 is an excellent substrate for metallising. It can withstand temperature extremes from -70°C to 220°C and has good resistance to moisture and most chemicals. It contains no plasticisers and will not become brittle with age under normal conditions. The pre-treated surface is always wound on the outside of the reel.

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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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