



**DuPont Teijin Films™**

Polyester Films for Packaging

Application Profile

Ref : L/AP12/0302

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

### **Mylar® 867 for Bottle Shrink Sleeves**



#### **Application Description**

Mylar® 867 for shrink sleeve labelling of bottles

#### **Benefits**

- Chlorine-free
- Consistent reliability running on printing and sleeving equipment
- Excellent print clarity

#### **DuPont Teijin Films material selected and why**

Mylar® 867 has been selected for shrink sleeve applications, it is a solvent sealable, heat shrinkable polyester film with barrier properties typical of polyester films. Mylar® 867 is designed to shrink in the TD direction. Mylar® 867 has excellent, consistent reliability running on any printing and sleeving machinery.

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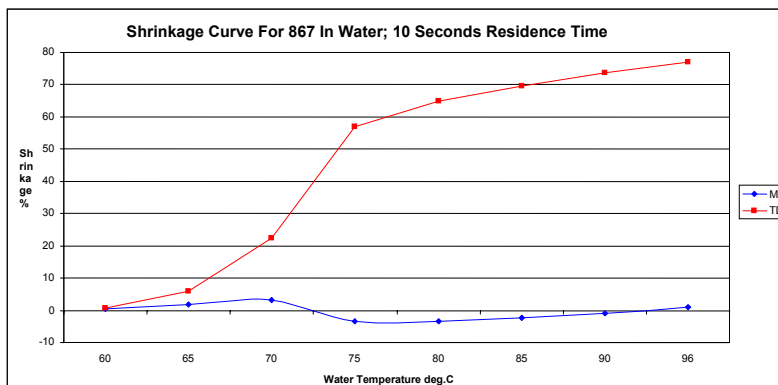
## Technical Information - Mylar® 867

### Product Description:

Mylar® 867 is a solvent sealable, heat shrinkable polyester film with barrier properties typical of polyester films. Mylar® 867 is available in thicknesses of 45 and 50 micron.

**Typical Applications:** Mylar® 867 is designed to shrink in the TD direction. The film is receptive to commonly used solvents for the manufacture of shrink sleeves such as THF.

**Practical Information:** After tube conversion the film can be shrunk by up to 70% around the chosen article. The surface of Mylar® 867 can be printed in the same way as plain polyester film, although care must be exercised to ensure that unwanted shrinkage is not introduced during the ink drying stage.



### Typical Properties

Property	Test Method	Unit	Value	
<b>General</b>				
Thickness	---	micron	50	
Area Yield	---	m <sup>2</sup> /kg	15.4	
Relative Density (at 23°C)	ASTM D 1505-77 23°C	g/cm <sup>3</sup>	1.30	
<b>Thermal</b>				
Shrinkage	10 seconds at 90°C	%	MD	TD
			-1	74
<b>Mechanical</b>				
Tensile strength at break	ASTM D882-83	MPa	MD	TD
			50	250
Elongation at break	as above	%	MD	TD
			400	60

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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-DTE.'