



Polyester Films For Packaging

## 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 a thickness of 45 and 50 micron.



← Co Polyester

### 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.

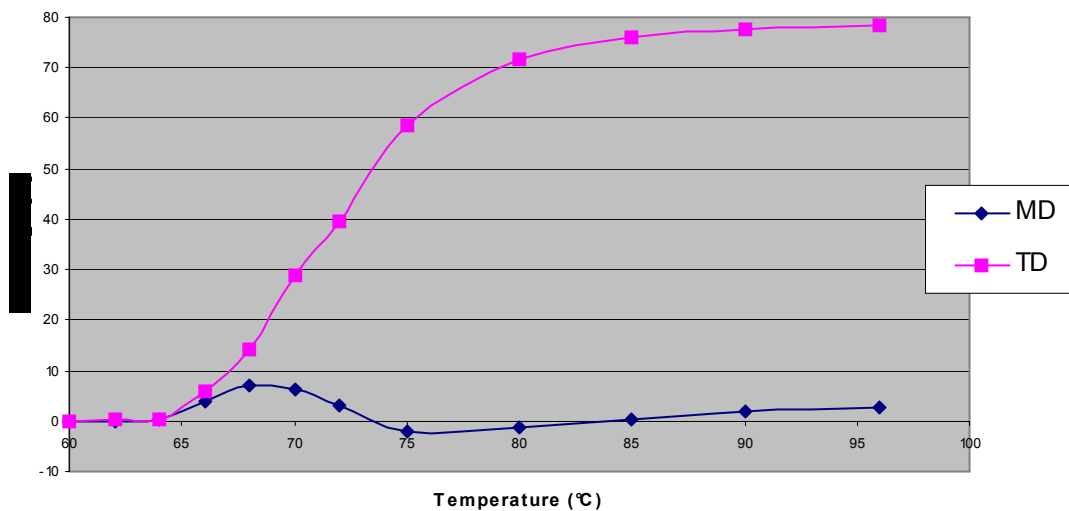
### Food Approval Contact

Mylar® 867 is compliant with European Union food contact legislation Directive 2002/72/EC (which is consolidated Directive 90/128/EEC and amendments). For individual country and specific application information please contact your DuPont Teijin Films representative.

### Shrinkage Graph

Below is an indicative graph of shrinkage as a function of temperature. This shrinkage curve should be considered as a guide only. Practical tests have to be carried out for each new application in order to determine the suitability and conditions of use of the film for a particular article. This shrinkage curve is indeed based on free shrinkage in water, whereas the values obtained in the application may be different due to the shape of the article and/or the sleeving process conditions.

Shrinkage curve for 50 um 867 in water; 10 seconds residence time



## Typical Properties

Property	Test Method	Unit	Value			
<b>General</b>						
Thickness	---	micron	45		50	
Area Yield	---	m <sup>2</sup> /kg	17.1		15.4	
Relative Density (at 23°C)	ASTM D 1505-77 23°C	g/cm <sup>3</sup>	1.30		1.30	
<b>Thermal</b>						
Shrinkage	10 seconds at 90°C in water	%	MD	TD	MD	TD
			2	75	2	75
<b>Mechanical</b>						
Tensile strength at break	ASTM D882-83	MPa	MD	TD	MD	TD
			40	280	45	280
Elongation at break	as above	%	400	45	400	45

## Standard Put-Ups

Length (metres)	Width 200-499 mm	Width 500-1600 mm
3000	Yes	Yes
6000	No	Yes
Standard Put-Ups on 152mm core		

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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-DTF.'

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