



Polyester Films For Packaging

Mylar® 887

Product Description

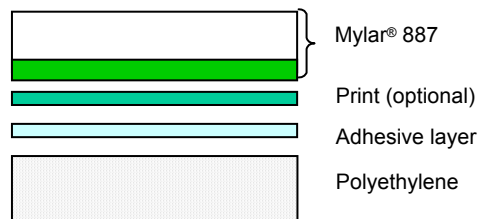
Mylar® 887 is a one side PVdC coated film with excellent moisture and gas barrier properties. The film is available in a thickness of 14 micron.



Typical Applications

Mylar® 887 are typically used as the outside web of a laminate, for example in Modified Atmosphere Packaging (MAP) for meat, cheese, pasta or other fresh products.

Fig. 1



Practical Information

Mylar® 887 can be used in pasteurisable applications without loss of clarity or barrier performance. However, it is important to trial the final laminate under the exact conditions of use to ensure the performance meets the specific requirements. The PVdC side can be printed using typical PVB packaging inks.

Food Contact Advice

Mylar® 887 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. Mylar® 887 is a biaxially oriented, one-side treated, polyester film with barrier properties that is compliant with FDA regulations under 21 CFR 177.1630, Sections (f) and (g). Mylar® 887 may be used for packaging, transporting, or holding food, excluding alcoholic beverages, at temperatures not to exceed 121°C (250 °F).

Disposal

Disposal of Mylar® 887 does not present special disposal problems. In most circumstances, once Mylar® 887 have been laminated, coated, printed or metallised, incineration with Energy Recovery is the most environmentally efficient recovery route. Mylar® 887 can also be burned in an incinerator with normal refuse or can be buried as a relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.

Typical Properties

Property	Test Method	Unit	Value	
General				
Thickness	---	micron	14	
Area Yield	---	m ² /kg	51	
Unit Weight	---	g/m ²	20	
Oxygen permeability	Oxtran 23°C,60/70% RH	cm ³ /m ² /day/atm	7	
Water vapour transmission rate	Lyssy 38°C,90% RH	g/m ² /day	7	
Thermal				
Shrinkage	190°C for 5 mins	%	MD 3	TD 1
Upper melt temperature (base film)	ASTM E794-85	°C	255-260	
Sealability PVdc - PVdc	150°C, 1 second 50 psi	g/25mm	250	
Mechanical				
Tensile strength at break	ASTM D882	Mpa	MD 200	TD 260
Elongation at break	as above	%	MD 120	TD 80
Optical				
Haze	ASTM D 1003-77 (Gardner Hazemeter)	%	5	
Total Luminous Transmission	as above	%	87.8	

Standard Put-Ups

Film	Standard Reel Length (metres)	Multiples of Standard Reel Length Available
Mylar® 887.14µm	3000	2, 4, 6, 8
Maximum available slit width: 1500mm Minimum available slit width: 306mm Core ID: 152mm. Other core sizes available on request		

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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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