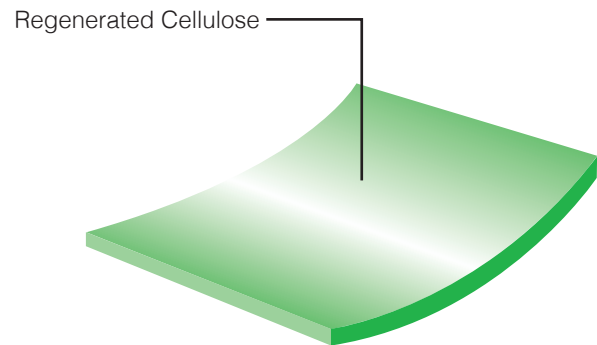


Cellophane™ PT

Data

Features - Non Heat-Sealable Film

- Excellent transparency and gloss
- Highly permeable to water vapour with excellent barrier to gases and aromas
- Inherent anti-static properties
- Excellent dead-fold characteristics
- Both sides of the film are equally receptive to inks and adhesives
- Based on renewable wood pulp



Applications

300/325/450PT plain uncoated films are suitable for twistwrap, bagmaking, sheets and lamination for products where protection from moisture is not required.

Technical Properties (Typical Values)

Property	Test Basis	Test Conditions	Units	PT		
				300	325	450
Thickness	Futamura Test		Micron	20.8	22.6	31.2
Yield	Futamura Test		g/m ² /kg	33.3 30.0	30.8 32.5	22.2 45.0
Permeability to: Water vapour	ASTM E 96	38°C 90% RH	g/m ² .24 hrs	Not applicable		
Oxygen	ASTM F 1927	23°C 0% RH	cc/m ² .24 hrs	1		
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.50 0.30		
Tensile strength	ASTM D 882		MN/m ² MD TD	125 70		
Elongation at break	ASTM D 882		% MD TD	22 70		
Elasticity modulus (1% secant)	ASTM D 882		MN/m ² MD TD	>3000 >1500		
Sealing range	Futamura Test	0.5 secs; 69 kN/m ²	°C	Not applicable		

All properties are tested under standard laboratory conditions: 23±2°C; 50±5% RH, unless otherwise stated.

Where relevant, tests are based on international testing standards.

MD - Machine Direction TD - Transverse Direction

Cellophane™ PT

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Reel Specifications

Nominal Reel Diameters

Film	Length/(metres)	
	300PT	3400
325PT	3200	6400
450PT	2300	4600
Outside diameter for 77mm core	330mm	ns
Outside diameter for 153mm core	ns	475mm

ns = non-standard.

Other reel lengths are available subject to negotiation.

Sheets

We can provide sheets to a range of sizes and shapes upon request.

Film Storage

To maintain the high quality of this product during storage it is recommended that Cellophane PT should be stored in its original wrapping away from any source of local heating or direct sunlight.

Recommended conditions of storage are:

Temperature: 17-23°C

Relative Humidity: 35-55%

Cellophane PT is suitable for use for 6 months from the date of delivery and stocks should be used in rotation.

Films should be allowed to reach operating room temperatures for 24 hours before use.

Food Contact

Cellophane PT is formulated to comply with EU legislation for many elevated temperature food contact applications. Customers intending to use the film in a food contact application must request the Declaration of Compliance which gives full details.

For information on other countries please contact your Futamura Sales Office.

Health and Safety Guidelines

For Health and Safety information, please refer to literature reference A190.



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