

# Cellophane™ PUT/PUC Data

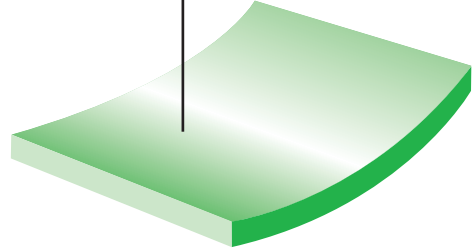
## Features - Non Heat-Sealable Tape

### Base Films

Uncoated regenerated cellulose film (RCF) with high mechanical strength.

- Excellent transparency and gloss
- Highly permeable to water vapour
- Easy tearing
- Anti-static properties

Regenerated Cellulose



## Applications

**400/450/500PUT** Developed for use as a base for the manufacture of adhesive tapes.

**550PUC RED LITHO** is intended for photographic masking. It minimises UV light transmission but is sufficiently transparent to facilitate easy positioning of the tape over drawings or printed material.

## Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	PUT			PUC RED LITHO
				400	450	500	550
Thickness	Innovia Films test		micron	27.7	31.2	34.7	38.2
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	25.0 40.0	22.2 45.0	20.0 50.0	18.2 55.0
Permeability to: Water vapour Oxygen	ASTM E 96	38°C 90% RH	g/m <sup>2</sup> .24 hrs	>1500			
	ASTM F 1927	23°C 0-5% RH	cc/m <sup>2</sup> .24 hrs. bar	3			
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.70 0.50			0.70 0.60
			Tensile strength	ASTM D 882	MN/m <sup>2</sup> MD TD	125 70	
Elongation at break	ASTM D 882		% MD TD	22 70		23 65	
Elasticity modulus (1% secant)	ASTM D 882		MN/m <sup>2</sup> MD TD	>3000 >1500			
Sealing range	Innovia Films test	0.5 secs; 69 kN/m <sup>2</sup>	°C	Not applicable			

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

MD Machine Direction TD Transverse Direction

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## Reel Specifications

### Nominal Reel Diameters

Film	Length/ (metres)	
	400PUT	2600
450PUT	2300	4600
500PUT	2000	4000
550PUC	1900	3800
Outside Diameter for 77mm Core	330mm	ns
Outside Diameter for 153mm Core	ns	450mm

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 PUT/PUC 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 PUT/PUC 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 PUT/PUC is designed for use as an adhesive tape base and is **not** intended for direct food contact applications. For specific enquiries, please contact our Technical Services Department.

## Health & Safety Guidelines

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



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