

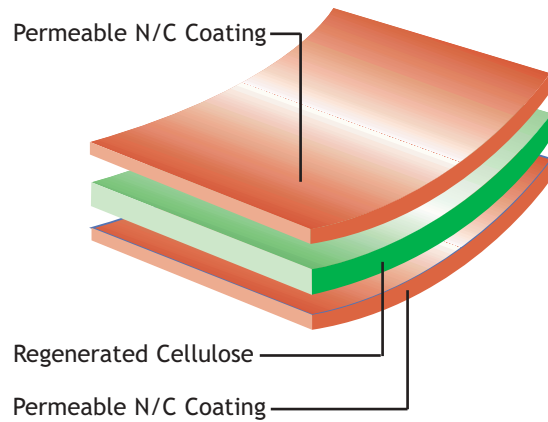
Cellophane LST

Data

Features - Semi-Permeable Film

Regenerated cellulose film (RCF), coated on both sides with nitrocellulose by a solvent process.

- Heat-sealable on both sides, low heat-seal threshold and wide sealing range
- Permeable to water vapor, high barrier to gases and aromas
- Resistant to oils and greases
- Both sides of the film are equally receptive to inks, adhesives and tear-tapes
- High gloss and transparency
- Biodegradable base film
- Anti-static
- Excellent dead-fold characteristics



Applications

195/140LST Particularly suitable for the packaging of products requiring protection from mold or bacterial growth which can be caused by moisture build-up in the pack. 195/140LST has been designed to help regulate the humidity levels through its high permeability to moisture.

Also recommended for the packaging of products with low sugar content and containing fillings, eg, sponge cakes.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	LST	
				195	140
Thickness	Innovia Films test		mil	0.99	1.37
Yield	Innovia Films test		in ² /lb	19500	14100
Permeability to: Water vapor	ASTM E96	100° F 90% RH	g/100in ² . 24 hrs	70	
Oxygen	ASTM F 1927	75° F 0-5% RH	cc/100in ² . 24 hrs.bar	0.19	
Optical: Gloss	ASTM D 2457	45°	units	85	
Haze (wide angle)	ASTM D 1003	2.5°	%	4	
Coefficient of friction (film to film)	ASTM D 1894	Static Dynamic		0.31 0.26	
Tensile strength	ASTM D 882		kpsi MD TD	17 9	
Elongation at break	ASTM D 882		% MD TD	22 70	
Elasticity modulus (1% secant)	ASTM D 882		kpsi MD TD	>290 >145	
Sealing range	Innovia Films test	0.5 secs; 10 psi	° F	185-320	
Seal strength	Innovia Films test	275° F; 0.5 secs; 10 psi	g(f)/1'·in	200	

All properties are tested under standard laboratory conditions: 75°F; 50± 5% RH, unless otherwise stated.

MD Machine Direction TD Transverse Direction

Cellophane LST Data

Roll Specifications

Roll Lengths vs Approximate Outside Diameter

Film	Length/(feet)		
	9 1/2" O.D. (3" Core)	13" O.D. (3" Core)	18" O.D. 18 3/4" O.D. (3" Core) (6" Core)
195LST	5000	10000	20000
140LST	3600	7200	14400

Other roll 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 LST should be stored in its original wrapping away from any source of local heating or direct sunlight.

Recommended conditions of storage are:

Temperature: 60-75 °F

Relative Humidity: 35-55%

Cellophane LST 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 LST is suitable for most applications involving direct contact with foodstuffs. Nitrocellulose coated films are manufactured to meet current food contact regulations relating to regenerated cellulose films, including FDA regulation 21 CFR 177.1200. For specific inquiries, please refer to literature reference A130 or contact our Technical Services Department.

Health & Safety Guidelines

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



www.innoviafilms.com
email: filmsinfo@innoviafilms.com

Sales Offices

Americas (USA)	Tel +1 877 822 3456
Europe (UK)	Tel +44 (0)16973 42281
Asia-Pacific (Aus)	Tel +61 3 9303 0600

Disclaimer: Innovia Films Inc or any of its affiliated companies (hereinafter 'Innovia Films') declines any liability with respect to the use made by any third party of the information contained herein. The information contained herein represents Innovia Films' best knowledge thereon without constituting any express or implied guarantee or warranty of any kind (including, but not limited to, the accuracy, the completeness or relevance of the data set out herein). Innovia Films is the sole owner or authorized user of the intellectual property rights relating to the information communicated. The information relating to the use of the products is given for information purposes only. No guarantee or warranty is provided that the product is adapted to the client's specific use. The client should perform his own tests to determine the suitability for a particular purpose. The final choice of use of a product remains the sole responsibility of the client.