

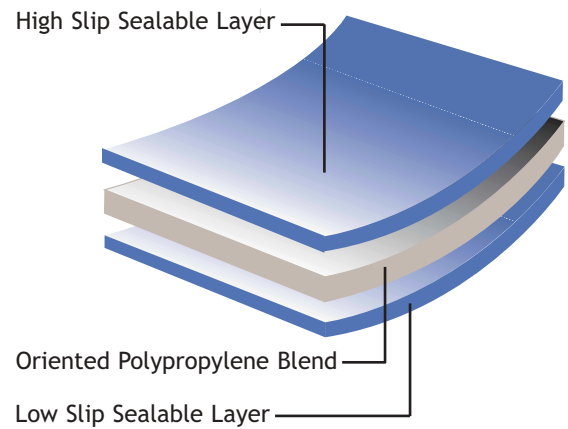
Propafilm™ GLT

Data

High Speed Overwrapping Film with Shrink Tightening Properties

Biaxially oriented polypropylene (BOPP) film co-extruded on both sides with heat sealable polyolefinic copolymers.

- Excellent sparkling appearance
- Superior controlled, balanced shrinkage
- Enhanced machine performance
- Satisfies requirements for European & Japanese vending blocking applications
- Excellent moisture and flavor barrier
- Differential slip properties for tight wraps
- Overcomes film relaxation problems
- Resistant to solvent attack



Applications

GLT65/80/100 are suitable for use in the tobacco industry for both high speed overwrapping of unit packs and display outers where exceptional pack appearance and wrap tightness are required.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	GLT		
Thickness	Innovia Films test		gauge	65	80	100
Yield	Innovia Films test		in ² /lb g/m ²	48250 14.6	38600 18.2	31000 22.7
Permeability to: Water vapor	ASTM F 1770	73°F 85% RH 100°F 90% RH	g/100in ² .24 hrs	0.09 0.49	0.06 0.39	0.05 0.26
Oxygen	ASTM F 1927	73°F 0% RH	cc/100in ² .24 hrs	142	97	90
Optical: Gloss	ASTM D 2457	20°	units	130		
Haze (wide angle)	ASTM D 1003	2.5°	%	1.3		
Coefficient of friction (out to out)	ASTM D 1894	Static Dynamic		0.40 0.30		
Blocking	Innovia Films test	158°F/200g/2hrs	g(f)	6		
Tensile strength	ASTM D 882	Strain rate 50% / min.	lb/in ² MD TD	24700 30500		
Elongation at break	ASTM D 882	Strain rate 50% / min.	% MD TD	120 80		
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min.	lb/in ² MD TD	435100 522100		
Sealing range	Innovia Films test	2 secs 15lb/in ²	°F	230-285		
Seal strength	Innovia Films test	225°F; 1 sec; 15lb/in ²	g/(f)/in	480		
Shrinkage	Innovia Films test	60 secs at 176°F 60 secs at 248°F	% MD TD MD TD	3.7 3.5 7.0 11.0		

All properties are tested under standard laboratory conditions: 73± 4°F; 50± 5% RH, unless otherwise stated.
 Where relevant, tests are based on international testing standards.
 MD Machine Direction TD Transverse Direction

Roll Specifications



Nominal Roll Diameters

Film	Length/ (feet)	
GLT65	11482	15093
GLT80	9187	12468
GLT100	7217	9843
Outside Diameter for 3in Core	11 ¹ / ₄ in	13in

Other roll lengths are available subject to negotiation.

Film Winding

Propafilm GLT has differential slip properties for maximum wrap tightness. When overwrapping, it is advised to use the low slip surface on the inside of the packs. For conversion, it is recommended to treat the low slip surface which is identified by a symbol on the roll label.

Low slip/treatable Surface	Ordering Code	Label Symbol
Inside	I	 Low slip/treatable >>
Outside	O	 Low slip/treatable <<

*For printing application consult an Innovia Films Technical Representative

Film Storage

No special conditions are required for the storage of Propafilm GLT but it is recommended that dry conditions at temperatures below 85°F are employed.

Propafilm GLT 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

Propafilm GLT complies with the compositional requirements of FDA 21CFR 177.1520. This film does not comply with current EU food contact regulations and so should not be used for direct food contact in the EU Member States. For specific inquiries, please refer to literature reference B110 or contact our Technical Services Department.

Health & Safety Guidelines

For Health and Safety information, please refer to literature reference B190.



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

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Sales Offices

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

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