

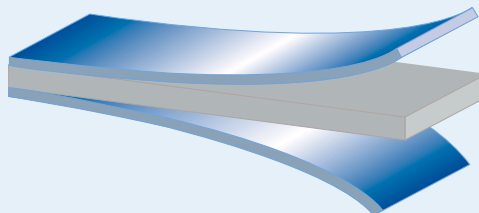
Propafilm™ XLT (Tobacco)



Technical Datasheet

XLT - High Speed Overwrapping Film with Shrink Tightening Properties.

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



High Slip Sealable Layer

Oriented Polypropylene Blend

Low Slip Sealable Layer

Features

- Excellent sparkle and gloss
- Superior controlled, balanced shrinkage
- Enhanced machine performance with excellent seal range and scuff resistance
- Satisfies requirements for vending blocking applications
- Excellent moisture and flavour barrier
- Differential slip properties for tight wraps
- Overcomes film relaxation problems
- Resistant to solvent attack

Applications

XLT is suitable for use in the tobacco industry for both high speed overwrapping of printed packs and display outers where exceptional pack appearance and wrap tightness are required.



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	XLT
Thickness	Innovia Films test		micron	16
			gauge	65
Yield	Innovia Films test		m ² /kg	66.6
			in ² /lb	46800
			g/m ²	15.0
Permeability to: Water vapour	ASTM F 1249	38°C 90% RH 100°F 90% RH	g/m ² .24 hrs	7.6
			g/100in ² . 24 hrs	0.49
Oxygen	ASTM F 1927	23°C 0% RH 73°F 0% RH	cc/m ² .24 hrs	2200
			cc/100in ² . 24 hrs	142
Optical: Gloss Haze (wide angle)	ASTM D 2457 ASTM D 1003	20° 2.5°	units	135
			%	1.2
Coefficient of friction (film to film)	ASTM D 1894	Static/ Dynamic		0.35
				0.25
Blocking	Innovia Films test	70°C (158°F) / 200g / 2hrs	N	5
Tensile strength	ASTM D 882	Strain rate 50% / min	MN/m ²	MD
				TD
			lb/in ²	MD
				TD
Elongation at break	ASTM D 882	Strain rate 50% / min	%	MD
				TD
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min	MN/m ²	MD
				TD
			lb/in ²	MD
				TD
Sealing range	Innovia Films test	2 secs; 0.10MN/m ² 2 secs; 15 psi	°C	110-140
			°F	230-285
Seal strength	Innovia Films test	109°C; 2 secs; 0.10MN/m ² 225°F; 2 secs; 15 psi	g(f)/25mm/ in	480
Shrinkage	Innovia Films test	60 secs at 80°C (176°F) 60 secs at 120°C (248°F)	%	MD
				TD
				MD
				TD

MD Machine Direction TD Transverse Direction
All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, (73 ± 4°F, 50 ± 5% RH), unless otherwise stated. Where relevant, tests are based on international testing standards.
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Reel Specifications

Nominal Reel Diameters

Film	2x Length (metres)
XLT16	4700



Film	2x Length (feet)
XLT65	15420

Our preferred reel length is 2x. Other reel lengths are available on request.

Outside Diameter	2x	4x	6x	8x	12x
For 77mm / 3in core	330mm 13in	-	-	-	-

Film Winding

Propafilm™ XLT 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. The low slip surface is identified by a symbol on the reel label as below.

Low Slip/Treated Surface	Ordering Code	Label Symbol
Inside	I	 Low slip/treat >>
Outside	O	 Low slip/treat <<

*For printing application consult an Innovia Films Technical Representative

Film Storage and Handling

No special conditions are required for the storage of Propafilm™ XLT but it is recommended that dry conditions at temperatures below 30°C (86°F) are employed. Propafilm™ XLT 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™ XLT complies with the applicable EU and US legislation for most applications involving direct contact with foods. Full details are given on the Declaration of Compliance. Customers intending to use Propafilm™ XLT in a food contact application should request a copy of this document from Innovia Films. Details of compliance with food contact legislation in non-EU countries are also available upon request.

Health & Safety Guidelines

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

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