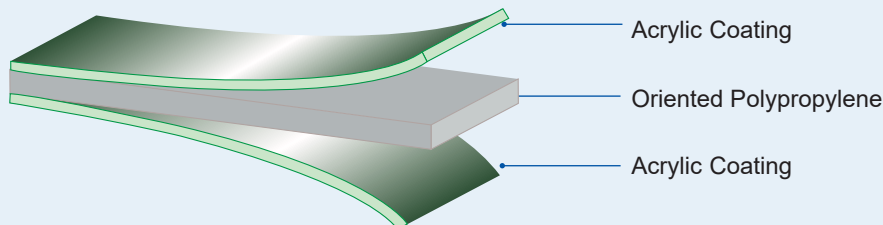


Propafilm™ T710



Technical Data Sheet

T710 - Transparent Reamwrap Film - Biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.



Features

- Proven on major cut size paper wrapping machinery
- Heat-sealable on both sides
- Low sealing threshold and broad sealing range
- Enhanced stiffness and flatness
- Excellent deadfold properties
- Exceptional cutability in line with balanced orientation
- Superb puncture and impact resistance properties maintained even at low temperatures
- Superior optical properties
- Both sides of the film are equally receptive to inks, lacquers and tear-tapes
- Excellent barrier to water vapour

Applications

T71052/60(200/240) are ideally suited for heavy duty cut size paper ream wrap applications providing the shelf appeal, performance and protection which are critical in this market.

Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	T710	
Thickness	Innovia Films test		micron	52	60
			gauge	200	240
Yield	Innovia Films test		m ² /kg	21.0	18.3
			in ² /lb	14800	12900
			g/m ²	47.6	54.5
Permeability to: Water vapour	ASTM F 1249	38°C 90% RH 100°F 90% RH	g/m ² .24 hrs	3.5	3.0
			g/100in ² . 24 hrs	0.23	0.19
Optical: Gloss	ASTM D 2457	45°	units	95	
Haze (wide angle)	ASTM D 1003	2.5°	%	1.0-2.0	
Coefficient of friction (film to film)	ASTM D 1894	Static/ Dynamic		0.30	
				0.25	
Sealing range	Innovia Films test	2 secs; 0.10MN/m ² 2 secs; 15 psi	°C	85-145	
			°F	185-295	
Seal strength	Innovia Films test	130°C; 2 secs; 0.10MN/m ² 265°F; 2 secs; 15 psi	g(f)/25mm/ in	>400	
Shrinkage	Innovia Films test	60 secs at 120°C (250°F) 60 secs at 130°C (265°F)	% MD	2.0	
			% TD	Nil	
			% MD	7.0	
			% TD	1.0	

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 23 ± 2°C, 50 ± 5% RH, (73 ± 4F, 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	Single Length (metres)	12x Length (metres)
T71052	725	8700
T71060	625	7500

Film	Single Length (feet)	12x Length (feet)
T710200	2400	28800
T710240	2050	24600

Other reel lengths are available subject to negotiation.

Outside Diameter	1x	2x	4x	6x	8x	12x
For 77mm / 3in core	240mm 9½in	330mm 13in	450mm 18in	-	-	-
For 153mm / 6in core	-	-	475mm 18¾in	570mm 22½in	650mm 25½in	785mm 31in

Film Storage and Handling

The low heat-seal threshold and wide seal range of Propafilm™ T710 film allows its use in particularly demanding packaging machine applications. Care should therefore be taken to protect reels of film from storage temperatures above 30°C (85°F) and localised sources of heat above 45°C (115°F). Reels of Propafilm™ T710 should be protected from high levels of moisture and accidental water splashes at all times. The reels should remain in the protective coverings supplied until ready for use on converting or packaging machinery. Converted reels, in both master and slit reel form should be similarly protected at all times. Propafilm™ T710 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™ T710 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™ T710 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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