

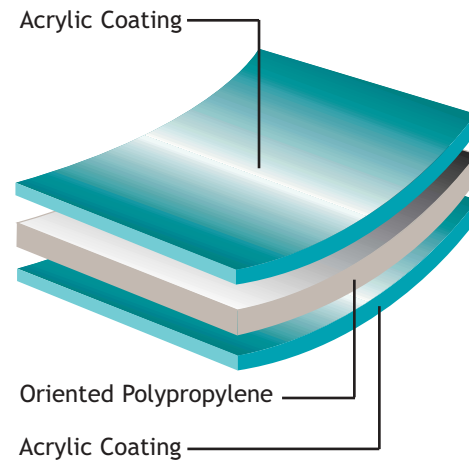
# Propaream™ T710

Data

## Transparent Reamwrap Film

Transparent, biaxially oriented polypropylene (BOPP) film coated on both sides with an aqueous acrylic (chlorine free) dispersion.

- Proven on major cut size paper wrapping machinery
- Heat sealable on both sides, with excellent hot tack
- Low sealing threshold and broad sealing range
- Enhanced stiffness and flatness
- Excellent deadfold properties
- Exceptional cutability in line with balance 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

T710/52 & 60 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
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	21.0 47.6	18.3 54.5
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m <sup>2</sup> .24 hrs	0.5 3.5	0.5 3.0
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; 0.10 MN/m <sup>2</sup>	°C	85-145	
Seal strength	Innovia Films test	130 °C; 2 secs; 0.10 MN/m <sup>2</sup>	g(f)/25mm	>400	
Shrinkage	Innovia Films test	60 secs at 120 °C 60 secs at 130 °C	% MD TD MD TD	2.0 Nil 7.0 1.0	

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

Where relevant, tests are based on international testing standards.

MD Machine Direction

TD Transverse Direction

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## Reel Specifications

### Nominal Reel Diameters

Film	Length/(metres)					
T710/52	750	1500	3000	4500	6000	9000
T710/60	625	1250	2500	3750	5000	7500
Outside Diameter for 77mm Core	240mm	330mm	450mm	ns	ns	ns
Outside Diameter for 153mm Core	ns	ns	475mm	570mm	650mm	785mm

ns = non-standard

Other reel lengths are available subject to negotiation.

## Film Storage & Handling

The low heat-seal threshold and wide seal range of Propaream 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 and localised sources of heat above 45°C.

Reels of Propaream 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.

Propaream 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

Propaream T710 is suitable for most applications involving direct contact with foodstuffs. For specific enquiries, please refer to literature reference B120 or contact our Technical Services Department.

## Health & Safety Guidelines

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



CERTIFICATE NUMBER Q929

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