

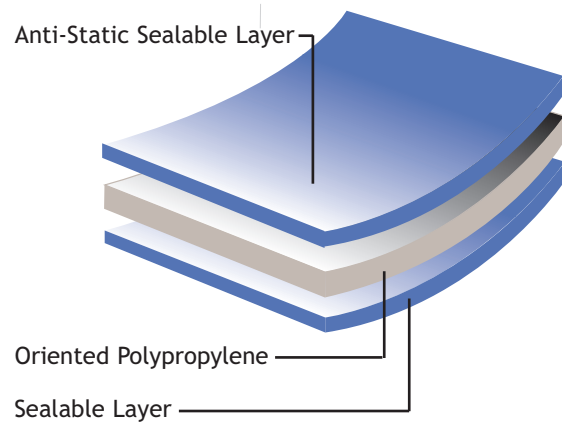
# Propafilm™ MTX

Data

## Anti-Static Overwrapping Film

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

- Superior anti-static protection
- Good puncture and impact resistance
- Excellent sealing properties
- Sparkling appearance
- Good moisture barrier



## Applications

MTX22 is suitable for high speed overwrapping of packets/cartons. The high level of anti-static protection enhances machine performance and minimises dust attraction.

## Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	MTX
Thickness	Innovia Films test		micron	22
Yield	Innovia Films test		m <sup>2</sup> /kg g/m <sup>2</sup>	50.0 20.0
Permeability to: Water vapour	ASTM F 1770	23 °C 85% RH 38 °C 90% RH	g/m <sup>2</sup> .24 hrs	1.3 7.3
Oxygen	ASTM F 1927	23 °C 0% RH	cc/m <sup>2</sup> .24 hrs	2500
Optical: Gloss	ASTM D 2457	20°	units	110
Haze (wide angle)	ASTM D 1003	2.5°	%	2.2
Coefficient of friction (out to out)	ASTM D 1894	Static Dynamic		0.35 0.25
Surface conductivity	Innovia Films test	25 °C 50% RH	mho	7 x 10 <sup>-11</sup>
Tensile strength	ASTM D 882	Strain rate 50% / min	MN/m <sup>2</sup> MD TD	200 185
Elongation at break	ASTM D 882	Strain rate 50% / min	% MD TD	85 85
Elasticity modulus (1% secant)	ASTM D 882	Strain rate 10% / min	MN/m <sup>2</sup> MD TD	2400 2400
Sealing range	Innovia Films test	2 secs; 0.10 MN/m <sup>2</sup>	°C Out	95-145
Seal strength	Innovia Films test	110 °C; 2 secs; 0.10 MN/m <sup>2</sup>	g(f)/25mm	400
Shrinkage	Innovia Films test	60 secs at 120 °C	% MD TD	4.0 3.5

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)	
	MTX22	2500
Outside Diameter for 77mm Core	295mm	330mm

Other reel lengths are available subject to negotiation.

## Film Storage

No special conditions are required for the storage of Propafilm MTX but it is recommended that dry conditions at temperatures below 30°C are employed. Propafilm MTX 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 MTX is **not** suitable for applications which involve direct contact with foodstuffs. For specific enquiries, please contact our Technical Services Department.

## Health & Safety Guidelines

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



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