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Flavour Protection

Flavour and choice are high on the agenda for tea producers. Packaging has to protect the tea whilst also providing maximum visual on-shelf appeal in a competitive marketplace.

Carton overwrap films, films for sachets or bags also need to meet demands for easy handling, fast-running and waste minimisation.

Our Propafilm™ range of BOPP films includes a variety of films that meet the above criteria.

Benefits

- Appropriate shelf life extension through protection against moisture ingress, oxidation and deterioration from UV light
- Mineral oil barrier allows customers to safely pack their product, providing peace of mind
- Shelf appeal even with dusty products, as our anti-static films can prevent dust attraction that commonly spoils pack appearance

Typical Anti-static and Barrier Properties of Propafilm™

Grade	Decay Time at 30%RH, 1/e of peak (seconds)	H ₂ O Perm (g/m ² .24hrs) 38°C, 90% RH	O ₂ Perm (cc/m ² .24hrs) 23°C, 0% RH
RXE	30	4.3	15
MTX	50	7.3	2500
RXD	70	4.0	15
MTP	20000	5.8	1600
OLS	50000	4.1	1400

(Data based on 25µ transparent film or nearest equivalent)

Note: The lower the decay value, the less static the film. Similarly, the lower the permeability figure, the higher the film's barrier.

The information provided in this table is for customer guidance only. The final choice of packaging remains the responsibility of the end user, based on their own trials.

The values quoted in the table do not represent a specification.

Grade Summary

Grade	Barrier - Moisture	Barrier - Oxygen	Mineral Oil Barrier	Anti-static Properties	Wide Seal Range	Peelable Seals	Printable	Shrink Tightening
MTP	■						■	
MTX	■			■	■			
NC	■				■			
OLS	■							■
RBCU	■		■		■		■	
RCP	■				■	■	■	
RCU	■		■		■		■	
RHX	■	■		■	■		■	
RXD	■	■		■	■		■	
RXE	■	■		■	■			

Application Checklist

OVERWRAP



Propafilm™

- NC** Wide sealing range film for optimum machinability. Ideally suited to high speed overwrapping operations.
- MTX** Wide sealing range film has proven performance in the tea industry. Its anti-static properties enhance machine performance and minimise dust attraction.
- RXE** High barrier, anti-static film providing superb product protection and longer shelf life. Its aroma barrier makes it an ideal candidate for herbal and delicate teas.
- OLS** Shrink tightening film enabling tighter wraps and superior shelf appeal.

BAG IN BOX



Propafilm™

- RHX** High barrier anti-static film, available in thick gauge for enhanced strength. Its aroma barrier makes it an ideal candidate for fragrant teas.
- RCP** Peelable transparent film for packs that are easy to open and do not tear, avoiding product spillage.
- RCU** Transparent wide sealing film, proven to provide an equivalent mineral oil barrier up to three years at room temperature.
- RBCU** White version of Propafilm™ RCU, confirmed to significantly reduce the migration of mineral oil residues from recycled cardboard packaging.

SACHETS



Propafilm™

- RXD** High barrier anti-static film that preserves the aromas of each individual sachet, even in mixed aroma boxes. Transparency allows for total product visibility. Easily printable.
- RHX** A thick version of Propafilm™ RXD for a higher quality feel.
- RCU** Transparent wide sealing film, proven to provide an equivalent mineral oil barrier up to three years at room temperature. White version available - Propafilm™ RBCU.

About Us

Innovia Films is a major producer of highly differentiated Biaxially Oriented Polypropylene (BOPP) films. The unique functional properties of our film, combined with our world leading coating and surface chemistry expertise, results in products which are very well recognised and valued by our customers.

We hold a leading global position in the markets we serve – high performance coated films, tobacco overwrap, labels and security films. Technical expertise and market-driven developments are key to our position at the leading edge of advances in these markets.



Our production sites are based in Australia, Belgium, Mexico and the UK. Service and support alongside product quality is a priority for us. Our strong network of commercial offices, agents and distributors globally support our sales into around 100 countries worldwide, ensuring a high level of customer responsiveness.

Innovation through our Research and Development is at the heart of our business. We work closely with customers, suppliers, academics and commercial partners to ensure speed of delivery of new products.

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