

R-TPA

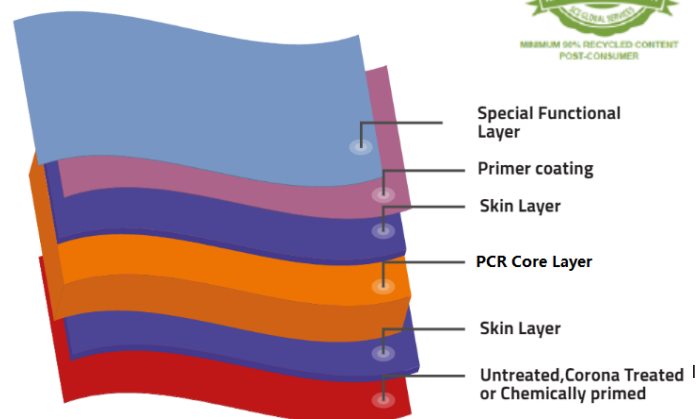
PCR BASED SEALABLE PEELABLE BOPET FILM

R-TPA is a Transparent grade of polyester Film with Antifog properties which have special Functional layer so as to provide good seal strength to avoid leakage. The other side of the film is available for printing. This side can be plain, Corona Treated or Chemically primed for better ink adhesion. This Data Sheet applies to all PCR content levels (20, 30, 50, 90, and 100%).

KEY FEATURES:

- Sealable Peelable with APET, rPET & PVC
- Good Antifog properties
- The non-seal side to give improved ink adhesion
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Lidding for ready meals
- Fruits
- Salads

PROPERTIES			TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
FILM THICKNESS			Internal	Micron	20	25
				(Gauge)	80	100
Total GSM					30	35
Yield					34	28
COEFF OF KINETIC FRICTION (One side to Other Side)		(Max)	D-2578	0	0.31	0.31
SEALING PROPERTIES	TEST CONDITIONS					
	Sealability(at 130°C/ Pressure 40 PSI/ Dwell Time 1 sec.)with:	i) APET	Internal	Gm/25mm	700	650
		ii) PVC			1200	1200
	Sealability(at 150°C/ Pressure 40 PSI/ Dwell Time 1 sec.)with	i) APET			750	700
		ii) PVC			1200	1200
	Sealability(at 180°C/ Pressure 40 PSI/ Dwell Time 1 sec.)with:	i) APET			800	700
		ii) PVC			1200	1200
	ANTI-FOG			Internal	RATING	Good
MVTR (38° C & 90% RH) (typical)			F-1249	gm/m²/day	35	30
				(gm/100 in²/day)	2.3	2.0
OTR (23° C & 0% RH) (typical)			D-3985	cc/m²/day	90	80
				(cc/100 in²/day)	5.8	5.2
AVAILABLE WIDTH			Internal	mm	1250	

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXPET™ needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, FLEXPET™ is suitable for use within 270 days from the date of shipment.

FOOD CONTACT

FLEXPET™ complies with EC and FDA regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

FlexFilms

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