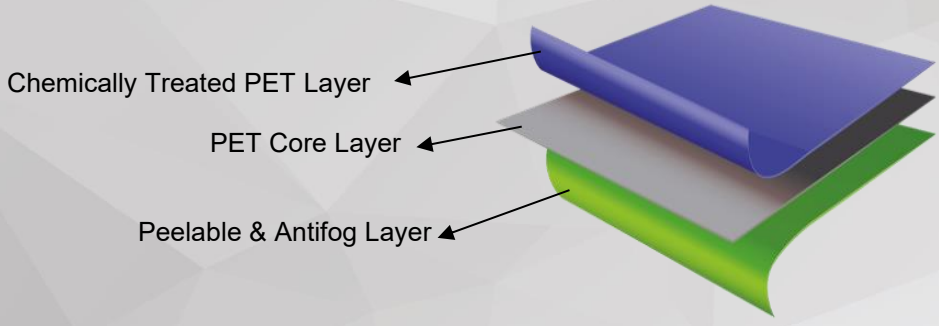
SUPER FILM
PACKAGING FILMS



SUPCOAT

BT 7011 R2C

Description

Low haze peelable antifog lidding film. SUPCOAT BT 7011 R2C is a transparent, peelable BOPET film with smooth peel and excellent antifog property. Other side is chemically treated.

This film is especially developed to reduce carbon footprint and GHG emission. This film is produced with coating technology. PCR content is minimum 35% for non-coated film and minimum 30% for coated film. PCR resin is manufactured by chemical depolymerization.

It has antifogging (antimist) property on peelable surface for fresh fruits and vegetable packaging where high visibility in cold environment is needed. The film retains its transparency by spreading the condensed water droplets into a continuous and uniform water layer and the packed foods stays clearly visible. It also protects the packed food against deterioration caused by droplets of water.

Properties

- Peelable seal to APET, RPET, 3-ply APET/ RPET/ APET structure
- Superior haze and clarity
- Excellent mechanical strength and stiffness
- Excellent machinability and flatness
- Good dimensional stability
- Excellent chemical resistance
- Smooth and easy open peelable seals
- Excellent antifogging (antimist) property
- Over printing varnish is strongly recommended when printing.

Applications

It can be used in lidding applications where peelable seal property is needed to APET, RPET, 3-ply APET/ RPET/ APET substrates.

Chemical treatment is acrylate based which gives good adhesion to solvent based inks. Chemical treated side may be used as printing and lamination surface, but should be approved with present ink and lamination adhesive system used including aging. It is not suitable for metallization applications.

Please contact customer service representative for the application compliance.

SANKO

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www.superfilm.com

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Technical Features

PROPERTIES	TEST METHOD	UNITS		BT 7011 R2C
THICKNESS	ASTM F2251	micron		22
		Gauge		88
YIELD	ASTM D4321	m^2/kg		33,8
		in^2/Lbs		24.000
UNIT WEIGHT	ASTM D4321	g/m^2		29,6
HAZE	ASTM D1003	%		8
GLOSS (45 °)	ASTM D2457	%		90
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	$cc/m^2/24hrs$		≤ 100
		$cc/100in^2/24hrs$		≤ 6,5
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	$g/m^2/24hrs$		≤ 30
		$g/100in^2/24hrs$		≤ 2
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm^2	200
			lb/in^2	29.000
		TD	N/mm^2	260
			lb/in^2	37.700
ELONGATION AT BREAK	ASTM D882	MD	%	140
		TD		110
THERMAL SHRINKAGE (150 °C, 30 min, air)	ASTM D1204	MD	%	2,0
		TD		0,5
COEFFICIENT OF FRICTION	ASTM D1894	Coated Side/Metal		0,25
		Other Side/Metal		0,40
SURFACE TENSION	ASTM D2578	Dyne/cm	Chemical Side	38
			Other Side	-
HEATSEAL RANGE	ASTM F88	°C		90-240
		°F		194-464
HEATSEAL STRENGTH to RPET (150 °C, 4 MPa, 1 s)	Internal	N/15mm	RPET	3,5
			APET	3,5

Product Identification (Decision 97/129/EC): PET1

Please be informed that additives used in antifog films are very sensitive to excess heat. Films should be kept in cool & dry places to maximize shelf life regarding antifog performance. We would also like to remind that antifog films should be used in 6 months after production.

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.The information contained in this data sheet is true and accurate according to current state of our knowledge and intented to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents. The film shelf life is 6 months. Modified PU based ink series offer good adhesion and printability.

For related spec sheet with tolerance values, please contact our sales departments

STANDARD ROLL DIMENSIONS			
CORE INNER DIAMETER (ID)	CORE OUTER DIAMETER (OD)	LENGTH TOLERANCE	WIDTH TOLERANCE
76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm	± % 10 for all OD's	- 0 & + 4 mm

REV: 06 Date: 08.08.2022

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