



# SUPCOAT

## BT 7011 HPC

### Description

SUPCOAT BT 7011 HPC is a transparent biaxially oriented polyester (BOPET) film with peelable seal property. BT 7011 HPC is ideal for applications where higher seal strength is required. Other side is chemically treated.

### Properties

- Peelable seal to APET, CPET
- Superior mechanical strength
- Excellent stiffness
- Excellent machinability and flatness
- Good dimensional stability
- Excellent chemical resistance
- Easy open peelable seals
- Suitable for microwave applications & conventional oven
- The film shelf life is 6 months

### Applications

It is specially designed for use in lidding applications where peelable seal property is needed to wide range of substrates like APET, CPET. It does not seal to polyolefins such as PP and PE.

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.

Please contact customer service representative for the application compliance.

## Technical Features

PROPERTIES	TEST METHOD	UNITS	BT 7011 HPC	
THICKNESS	ASTM F2251	micron	23	27
		Gauge	92	108
YIELD	ASTM D4321	m <sup>2</sup> /kg	32,7	27,6
		in <sup>2</sup> /Lbs	23.100	19.500
UNIT WEIGHT	ASTM D4321	g/m <sup>2</sup>	30,6	36,2
HAZE	ASTM D1003	%	15	
GLOSS (45 °)	ASTM D2457	%	95	
OXYGEN TRANSMISSION RATE (23°C-0%RH)	ASTM D3985	cc/m <sup>2</sup> /24hrs	≤ 100	
		cc/100in <sup>2</sup> /24hrs	≤ 6,5	
WATER VAPOUR TRANSMISSION RATE (38°C-90%RH)	ASTM F1249	g/m <sup>2</sup> /24hrs	≤ 30	
		g/100in <sup>2</sup> /24hrs	≤ 2	
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm <sup>2</sup>	240
			lb/in <sup>2</sup>	34.800
		TD	N/mm <sup>2</sup>	260
			lb/in <sup>2</sup>	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		0,45
		Other Side/Metal		0,35
SURFACE TENSION	ASTM D2578	Dyne/cm	Chemical Side	38
			Other Side	-
HEATSEAL RANGE	ASTM F88	°C	110-240	
		°F	230-464	
HEATSEAL STRENGTH to APET/CPET (150 °C, 4 MPa, 1 s)	Internal	N/15mm	5,0	

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

### 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 intended 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