



# SUPCOAT

## BT 7011 MPX

### Description

Strong sealable peelable lidding film. SUPCOAT BT 7011 MPX is a transparent biaxially oriented polyester (BOPET) film with peelable seal property. Other side is chemically treated.

It has high resistance against oily products and foods with lots of contamination.

### Properties

- Peelable seal to APET, CPET
- Superior haze and clarity
- 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

### 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 MPX					
THICKNESS	ASTM F2251	micron	14	21	25	32	38	
		Gauge	56	84	100	128	152	
YIELD	ASTM D4321	m <sup>2</sup> /kg	53,2	35,0	29,2	22,7	19,0	
		in <sup>2</sup> /Lbs	37.400	24.600	20.600	16.000	13.600	
UNIT WEIGHT	ASTM D4321	g/m <sup>2</sup>	18,8	28,6	34,2	44,0	52,6	
HAZE	ASTM D1003	%	8,0					
GLOSS (45 °)	ASTM D2457	%	100					
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		0,40				
SURFACE TENSION	ASTM D2578	Dyne/cm	Chemical Side	38				
			Other Side	-				
HEATSEAL RANGE	ASTM F88	°C		90-240				
		°F		194-264				
HEATSEAL STRENGTH to APET (150 °C, 4 MPa, 1 s)	Internal	N/15mm		3,5				

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

REV: 06 Date: 29.04.2021