



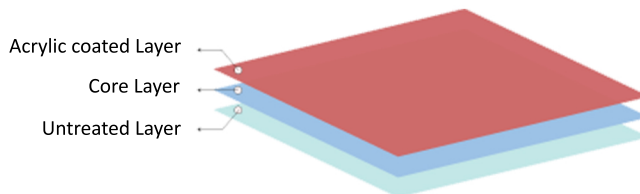
TECHNICAL DATA SHEET

BOPET FILM
Transparent Acrylic Coated
APB-AC1

Key Features

- Excellent Mechanical and Thermal properties
- Good Clarity and Transparency
- Good Dimensional Stability
- Excellent adhesion to ink & lacquer

Is a transparent co-extruded BOPET film, with one side Acrylic based coating and other side untreated.



Application

Recommended for Surface Printing
Suitable for improved ink adhesion for high quality printing & lamination application.

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE
THICKNESS		Internal	Micron	12
DEVIATION OF AVG. FILM THICKNESS			%	± 1.5
FILM DENSITY		D-1505	gm/cc	1.4
GRAMMAGE		Internal	gm/m ²	16.8
YIELD		Internal	m ² /kg	59.52
TREATMENT LEVEL	COATED	D-2578	dyne/cm	42
COEFF OF FRICTION	DYNAMIC	D-1894	-	≤ 0.4
HAZE		D-1003	%	2.2
GLOSS (NOVA GLOSS)		D-1003	%	110
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	2,100
	TD*			2,300
	MD*		(Psi)	29,870
	TD*			32,710
ELONGATION AT BREAK	MD*	D-882	%	150
	TD*			95
HEAT SHRINKAGE (AT 150°C AND 30MIN)	MD*	D-1204	%	≤ 2.0
	TD*			≤ 1
W.V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	45
			(gm/100in ² /day)	2.9
O.T.R (23°C & 0% RH)		D-3985	cc/m ² /day	110
			(cc/100in ² /day)	7.0

*MD = Machine Direction *TD = Transverse Direction

Reel Packing Format

Core Size	Outer Reel Dia
3" (76 mm)	< 550 mm
6" (152 mm)	< 650 mm

Min Reel Size	Max Reel Size
400 mm	2200 mm

Storage

It is recommended to store the film below 30°C in order to avoid deterioration of film properties. It is advisable to use the material on FIFO basis.

Food Contact

Complies with FDA and EC regulations. MSDS are available on request.

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