



—— PVDC Coated Surface
—— Plain Surface

PRODUCT DESCRIPTION

Clear coated BOPET-based film. One side is PVdC coated and the other side is plain.

FEATURES

- ▶ Excellent printability on coated side
- ▶ Outstanding barrier properties- moisture, oxygen, and aroma even at high humidity conditions
- ▶ High transparency
- ▶ Excellent dimensional stability, stiffness and mechanical properties
- ▶ PVDC coated BOPET films can be easily laminated with other substrates

APPLICATION

- ▶ Extended shelf-life and aroma barrier like laminates such as PET/PVdC/INK/PE
- ▶ Flexographic and gravure printing
- ▶ "See-through" applications
- ▶ Not recommended for pasteurization, sterilization and hot/heat resistant applications

FOOD CONTACT: PHC films comply with the requirement of EC, FDA & REACH regulations. Specific documents are available upon request.

PACKAGING COATED FILM

PROPERTIES		UNIT	TEST METHOD	CCP12HB	CCP13HB	CCP14HB
Nominal Thickness		Micron	Internal Method	12	13	14
		Gauge		48	52	56
		Mil		0.48	0.52	0.56
Unit Weight(± 5%)		gm/m ²		16.5	17.9	19.3
		lbs/ream		10.1	10.9	11.8
Yield		m ² /kg		60.6	55.8	51.8
		in ² /lb		42606	39231	36419
MECHANICAL PROPERTIES						
Tensile Strength	MD	kg/cm ²	ASTM D-882	1800 - 2200		
	TD			2000 - 2300		
	MD	psi		25569 - 31251		
	TD			28410 - 32671		
Elongation Break	MD	%	ASTM D-882	90 - 100		
	TD			70 - 90		
THERMAL PROPERTIES						
Thermal	MD	%	ASTM D-1204	< 2.5		
Shrinkage (150°C /30 mins)	TD			< 0.5		
SURFACE PROPERTIES						
COF (A/B)	Dynamic	-	ASTM D-1894	0.30 - 0.45		
Surface Tension	Coated side	Dynes/cm	ASTM D-2578	> 54		
OPTICAL PROPERTIES						
Haze	(max.)	%	ASTM D-1003	3.5		
BARRIER PROPERTIES						
WVTR,38°C,90% RH(max.)		gm/m ² /day	ASTM F-1249	8.0 - 10.0		
		gm/100in ² /day		0.52 - 0.65		
OTR,23°C,0% RH(max.)		cc/m ² /day	ASTM D-3985	8.0 - 10.0		
		cc/100in ² /day		0.52 - 0.65		

Note: MD – Machine Direction, TD – Transverse Direction, COF - Co-efficient of Friction

DISCLAIMER: The property given in the present technical data sheet does not constitute product specification but represents typical performance values based on the best of our knowledge and believed to be accurate. These are given in good faith, and the Customer is requested to satisfy its suitability for its particular purpose. The user is solely responsible for the end-use of the product and needs to perform tests to confirm the product suitability/compatibility in all respects. PILCHER Films does not guarantee typical values and reserves the right to change the technical datasheet anytime required to enhance the quality of the products without prior information.