



VT-CPLR-ANTIFOG-TRANS

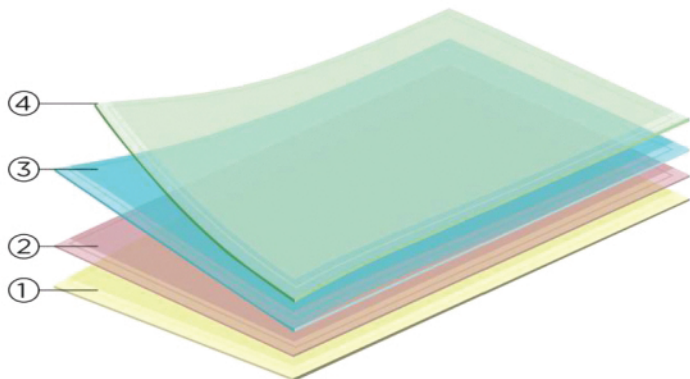
PILCHER HAMILTON

PROVISIONAL DATASHEET

Revision: 17

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Pilcher Hamilton co-extruded three layers transparent polyester film suitable for Lidding application. This grade of film is best suited for dry application. One surface of the film has strong Peelable seal to APET and CPET. The Peelable seal surface also has good Antifog properties under 4°C. Other surface of the film is suitable for high quality printing. VACOPEEL CPLR complies with FDA and EC regulations for food packaging.



Film Types:

CPLIR-AF –Peelable antifog surface inside, outside printable surface

CPLOR-AF- Peelable antifog surface outside, inside printable surface

APPLICATION:

- Lidding application

1. Modified skin printable surface
2. Core layer
3. Modified skin
4. Antifog peel able seal surface

Properties		Unit	Typical Values					Test Method
Thickness [+/- 2.5%] (Nominal)		Micron	16	20	24	32	38	INTERNAL
		Gauge	64	80	96	128	152	
Yield(Nominal)		m ² /kg	44.8	35.8	29.9	22.4	18.8	INTERNAL
		in ² /lb	31400	25100	21150	15700	13200	
Tensile Strength (Min)	MD	Kg/cm ²	2000	2000	2000	1900	1900	ASTM D 882
	TD		1900	1900	1900	1800	1800	
	MD	psi	28500	28500	28500	27000	27000	
	TD		27000	27000	27000	25500	25500	
Elongation at Break(Min)	MD	%	110	110	110	110	110	ASTM D 1204
	TD		100	100	100	100	100	
Heat Shrinkage (max) @ 150°C/30 min	MD	%	2.4	2.4	2.4	2.4	2.4	ASTM D 1204
	TD		0.6	0.6	0.6	0.6	0.6	
Coefficient of Friction (Max) : Peel surface to Other surface	St	-	0.55	0.55	0.55	0.55	0.55	ASTM D 1894
	Dy		0.50	0.50	0.50	0.50	0.50	
Peel force(with APET) (130°C/3kg/0.5 sec) (Avg)		Gm/25 mm	500					VILP METHOD
Haze (Max) +/- 1.0		%	6.0					ASTM D 1003
Oxygen Transmission Rate (Avg)	Cc/m2-day		100	75	65	50	45	ASTM D3985
	Cc/100in2-day		6.3	4.7	4.1	3.1	2.8	
Water Vapour Transmission Rate (Avg)	Gm/m2-day		35	28	25	20	16	ASTM F1249
	Gm/100in2-day		2.2	1.8	1.6	1.3	1.0	
Antifog rating @ Freezer Temp / 12 hrs			D					VILAF METHOD
Reel Width Tolerance		mm	-0/+2					-

Next revision latest by Jan. 2025

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Disclaimer

The information provided above is based on Vacmet India conclusive tests, which are indicative only and provided as guidelines. Customers are solely responsible for the end use in all respects. Customers should verify the suitability of the film for its end use. Pilcher gives no warranty or accepts liability for any loss and fitness of the product for any specific purpose. Pilcher reserves the right to change the technical data sheet at any time for enhancing the quality of the product without prior information.

- For product shelf life, Handling & storage instructions of Pilcher products, please refer Material Safety Data Sheet
- PHC range of products are sold under terms of general condition of sales of Pilcher Hamilton

