



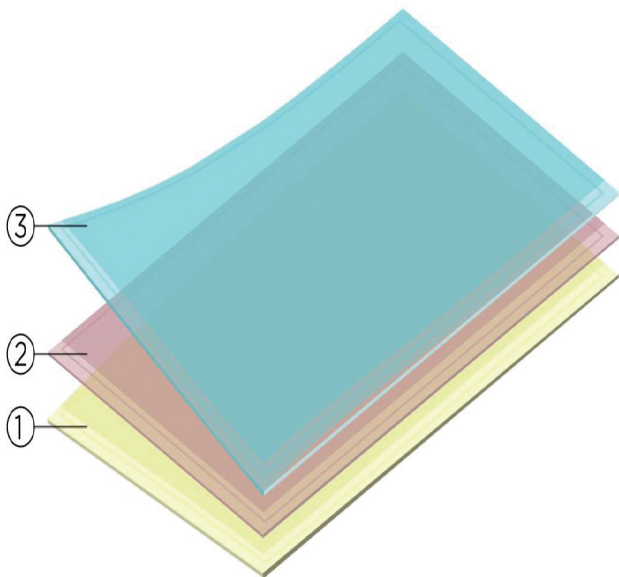
PILCHER HAMILTON

PROVISIONAL DATASHEET

Revision: 08

Issued: 1st Jan'2024

Pilcher Hamilton grade is a metallized three layers' polyester film suitable for flexible packaging application. This film is one side treated to provide a strong peelable seal to PP, PE, PS, PVC, APET and C-PET. It provides firm, peelable, strong seal but easy opening when required. This is an excellent metallized film for high quality printing applications. This film is specially designed for lidding application either as single layer or a two-layer laminate with reverse printed Polyester/BOPP Film or a laminate with surface printed Paper. VACOPEEL-MUPS film complies with FDA and EC regulations for food packaging.



Film Types:

CMUPSI – Universal peelableseal inside.

CMUPSO- Universal peelableseal outside

APPLICATION:

- Lidding application
- Flexible packaging
- Printing

1. Peel seal coating
2. Metallized PET film
3. Treated surface

Properties		Unit	Typical Value				Test Method
Thickness (Nominal)		Micron	21.5	25.5	38.0	52.0	Internal
Yield(Nominal)		m ² /kg	34	28	18.8	13.7	Internal
Tensile Strength (Min)	MD	Kg/cm ²	2000	2000	1900	2000	ASTM D 882
	TD		2000	2000	1800	1900	
Elongation at Break(Min)	MD	%	110	110	110	120	ASTM D 882
	TD		100	100	100	110	
Heat Shrinkage (Max) @150°C, 30 minute	MD	%	2.4	2.4	2.4	2.4	ASTM D 1204
	TD		0.6	0.6	0.6	0.6	
Coefficient of Friction (Max)	St/Dy	-	0.50	0.50	0.50	0.50	ASTM D 1894
Wetting Tension [+-/-2]		Dynes/cm	42	42	42	42	ASTM D 2578
Peel force with APET/CPET/PP/PS (180°C/40 PSI/1.0 sec) (min)		gm/25 mm	500	500	500	500	Internal
OTR (23°C & 0% RH)		cc/m ² -day	<1.0	<1.0	<1.0	<1.0	ASTM D 3985
MVTR(38°C& 90% RH)		gm/m ² -day	<0.5	<0.5	<0.5	<0.5	ASTM F 1249
Reel Width Tolerance		mm	-0/+2				-

Next revision latest by Jan. 2025

PILCHER HAMILTON CORPORATION – 6845 KINGERY HIGHWAY WILLOWBROOK – IL 60527 – 630-655-8100 EXT. 107 – PILCHERHAMILTON.COM

Disclaimer

The above information is believed to be reliable and accurate but is presented without guarantee on our part. Pilcher gives no warranty as to the fitness of the above product for any particular purpose and any implied warranty or condition statutory or otherwise. It is recommended to make a trial before any bulk usage.

- For product shelf life and handling & storage instructions of 'Pilcher' products; please refer Material Safety Data sheet.
- PHC Material is being sold under terms of General Conditions of Sale of Pilcher Hamilton

