



VT-COCOAT-MATTE

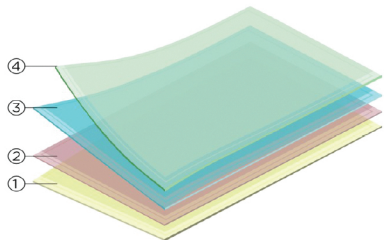
PILCHER HAMILTON

PROVISIONAL DATASHEET

Revision: 00

Issued: 1st March'2023

Pilcher Hamilton is a co-extruded and coated polyester film suitable for lamination of high quality graphic media. One surface of this film is soft matte finish coated and other surface is corona treated for improved adhesion with inks and adhesives. This film grade also complies with FDA and EC regulations for food packaging.



Film Types:

CSMFTI - Matte surface outside,

Corona treated inside

CSMFTO – Matte surface inside,

Corona treated outside

APPLICATION:

1. Food Packaging
2. Antiskid bags and pouches

CHARACTERISTICS:

1. Treated surface
2. Core Layer
3. Modified skin
4. Matte surface

- Low gloss and high frictional properties
- The matte surface has Soft feel Effect
- Good Anti Scratch Properties
- Low gloss and High haze properties
- Outstanding aesthetic appeal.
- Good performance on FFS machine
- Good bond strength with various flexible packaging laminates

Properties		Unit	Typical value	Test Method
Thickness (Nominal) +/- 3.5 %		Micron	14	Internal
		Gauge	56	
		Mil	0.56	
Unit Weight (+5%)		g/m ²	18.3	Internal
		lbs/ream	11.2	
Yield(Nominal) +/- 3.5 %		m ² /kg	54.6	Internal
		In ² /lb	38,400	
Tensile Strength	MD	Kg/cm ²	1900-2200	ASTM D 882
	TD		1900-2200	
	MD	psi	27023-31290	
	TD		27023-31290	
Elongation at Break	MD	%	90-100	ASTM D 882
	TD		80-90	
Haze(Min)		%	90-95	ASTM D 1003
Coefficient of Friction (Avg) (Matte to Matte surface)	Dynamic	-	0.4-0.5	ASTM D 1894
Heat Shrinkage (Max) @150°C/30 min	MD	%	2.0-2.5	ASTM D 1204
	TD		0.3-0.7	
Gloss (Nominal)[+/-2.0] (on Soft Feel surface)	@45°	-	6-10	ASTM D 2457
Wetting Tension(Nominal)	Corona side	Dyne/cm	40	ASTM D 2578
	Matte surface		48	

Next revision latest by Jan. 2024

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

