

Matte Finish Polyester Laminated to Linear Low-Density Polyethylene Film (MPCL)

MPCL and MPWH films are a combination of 48-gauge matte finish polyester laminated to a clear LLDPE blend. The material provides outstanding stiffness for maximum brand impact and a subdued sheen for a chic, modern feel. It is frequently used in stand-up pouches where superior retail appeal is desired. Typical applications include food (fresh and frozen), medical, and a variety of industrial products.

The lamination process traps the ink between the layers of film, guarding it from external sources of abrasion. Laminated film is also ideal for protecting print when the packaged product contains a chemical that could react negatively with surface printing. In addition to protecting the ink, lamination enhances the colors of the bag.

Genuine SidePouch® bags-in-a-box are system-matched and guaranteed to run on all Automated Packaging Systems' bagging equipment.

Technical Information

Compliances	FDA 21 CFR 177.1350 FDA 21 CFR 117.1520
Press Printing	Yes
Imprinting	Yes
Trim Seal	No
Bag Mil Thickness	2.5, 3.0, 3.5, 4.0
Bag Configurations	SidePouch and Stand-up Pouch with restrictions

Performance Data:	U/M	2.5	3.0	3.5	4.0	ASTM
Haze (Clear)	%	49.5	49.5	49.5	49.5	D-1003
Puncture Resistance (Dart)	grams	548	592	641	676	D-1709
Tensile Strength MD	psi	6873	6435	6029	5278	D-882A
Tensile Strength TD	psi	7896	7422	6623	6056	D-882A
Elmendorf Tear MD	grams	155	219	371	518	D-1922
Elmendorf Tear TD	grams	163	205	368	527	D-1922
OTR	cc/100in ² /day	N/A	8.5	7.5	6.5	D-3985/Moncon
MVTR	g/100in ² /day	N/A	0.39	0.32	0.28	F-1249/Moncon

Formulations

- MPCL
- MPWH



Features & Benefits

- Matte look and a softer feel
- Protects ink from abrasion and chemical breakdown
- Improved shelf appeal
- Excellent tear characteristics
- Very good barrier properties



Chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect MPCL material only. Certain minimum purchase volumes may apply.

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Patent(s): www.autobag.com/patents

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