

## Laminate Low Density Polyethylene (PEPE)

PEPE and PEWP films are composed of two layers of low density polyethylene that are laminated together creating a permanent bond. Laminated film is commonly used in applications where ink protection and adhesion are critical.

The lamination process traps the ink between the layers of polyethylene 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 color and gloss of the bag, resulting in better quality and improved shelf appeal.

Genuine Autobag® bags-on-a-roll and 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 (PEPE ONLY) FDA 21 CFR 117.1520 (PEPE ONLY) MIL-DTL-117H TYPE III CLASS B (ST ONLY)
Press Printing	Yes
Imprinting	Yes
Trim Seal	Yes
Mil Thickness	3.0, 4.0
Configuration	Autobag; SidePouch with restrictions

Performance Data:	U/M	3.0/ET	4.0/ST	ASTM
Haze	%	8.5	18.8	D-1003
Puncture Resistance (Dart)	grams	215	230	D-1709
Tensile Strength MD	psi	4108	3965	D-882A
Tensile Strength TD	psi	2551	2524	D-882A
Elongation MD	%	466	524	D-882A
Elongation TD	%	653	756	D-882A
Elmendorf Tear MD	grams	980	1122	D-1922
Elmendorf Tear TD	grams	1062	2103	D-1922
OTR	cc/100in <sup>2</sup> /day	135	98	D-3985
MVTR	g/100in <sup>2</sup> /day	.261	.206	F-1249

## Formulations

- PEPE
- PEWP



## Features & Benefits

- Protects ink from abrasion and chemical breakdown
- Improved shelf appeal
- Good clarity and strength
- Recyclable
- Optional resealable take available



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

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Patent(s): [www.autobag.com/patents](http://www.autobag.com/patents)

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