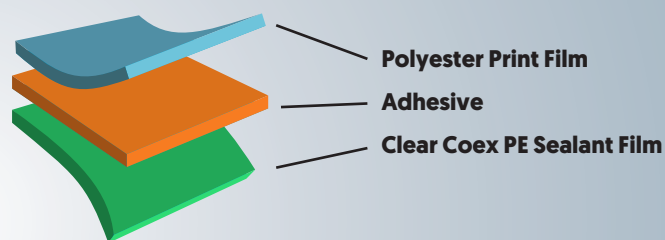


## 4.5 mil PET / Clear PE Lamination

Ideal for stand-up pouch applications, our 4.5 mil Lightning Lam film is designed to have a robust sealant layer for closures and perfect stiffness for gusseted pouches that stand on their own. Made from a polyester print surface and a polyethylene Coex sealant film, this film structure can be surface printed digitally or with analog technology and is compatible with most pouching equipment. Works well for windowed pouches. This film has no barrier properties.

### Key Benefits of StockPKG Lightning Lam - PET/ PE Film

- Raw Materials - PET/PE
- Clear
- Excellent for pouching.
- Faster processing speeds.
- Durable at seams for packaging fitments and closures. Will seal through contamination.
- Higher OTR and WVTR.



PROPERTY	UNIT OF MEASURE	EXPECTED VALUE	TEST METHOD
<b>Thickness</b>	micron/mil	48 ga PET / 4 PE	ASTM F2251
<b>Yield</b>	in <sup>2</sup> /lb	6,259	ASTM D4321
<b>COF</b>	Kinetic	.2 - .35	ASTM D1894
<b>Surface Tension</b>	Dynes / cm	36-48	ASTM D2578
<b>OTR</b>	cc / 100 <sup>2</sup> / 24 hrs	4.02	ASTM D3985
<b>WVTR</b>	g / 100 <sup>2</sup> / 24 hrs	0.22	ASTM F1249
<b>Film Shelf Life</b>	50-80°, 30-70% RH	12 months from delivery	N/A
<b>Seal initiation Temp</b>	Fahrenheit (°F)	210	ASTM F88

**RoHS:** Based on Information obtained from our suppliers, this certifies that all StockPKG products are "RoHS" compliant. They do not exceed the designated levels of Hexavalent Chromium, Mercury, Cadmium, Polybrominated Biphenyls or Polybrominated Diphenyl Ethers. StockPKG products do not contain as intentional additives Perfluorooctane Sulfonate (PFOS), and do not contain Deca Brominated Diphenyl Ether [Deca BDE].

**REACH:** Based on information obtained from our suppliers, this also certifies that all StockPKG products are REACH compliant for Registration, Evaluation, Authorization and Restriction of Chemicals. All materials are latex free.

**FDA:** The Sealant layer film of the above products are in compliance with FDA 21 CFR 176.170(c) Table 2 B-H; 21 CFR 177.1350(a)(1)(b)(1); 21 CFR 177.1520(a)(3)(1)(c)2.1,32.a. The Adhesive is compliant with FDA 21 CFR 175.105. The print surface is compliant with FDA 21 CFR 177.1630(f)(g) and (h).

The information on this material data sheet has been established by company based laboratory testing. This does not imply warranty by StockPKG for product specifications, tolerances or function in the end use. Testing is the customer's responsibility to determine product fitness for a particular use. This document is confidential. You are prohibited from using, copying or distributing the information in this document if you are not an intended recipient or an authorized representative of an intended recipient.