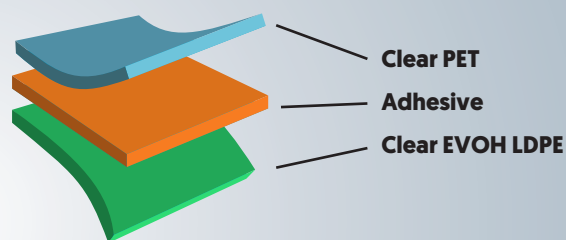


4.5 mil High Barrier Clear Lamination

Ideal for stand-up pouch applications, our 4.5 mil High Barrier Clear Lightning Lam film offers high barrier properties, and is designed to have a robust sealant layer for closures. The heavier gauge is recommended for stand up pouches. Made from a polyester print surface and a thick, robust EVOH coex sealant film, this film surface can be printed with digital or analog technology and is compatible with most pouching equipment.

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

- Raw Materials - PET/PE
- Clear
- Excellent for pouching and FFS applications. High Barrier for content freshness.
- Faster processing speeds.
- Durable at seams for packaging fitments and closures. Will seal through contamination.
- Lower OTR and WVTR.



PROPERTY	UNIT OF MEASURE	EXPECTED VALUE	TEST METHOD
Thickness	micron/mil	48 ga PET / 4.0 PE EVOH	ASTM F2251
Yield	in ² /lb	6,259	ASTM D4321
COF	Kinetic	.2 - .35	ASTM D1894
Surface Tension	Dynes / cm	36-48	ASTM D2578
OTR	cc / 100 ² / 24 hrs	0.032	ASTM D3985
WVTR	g / 100 ² / 24 hrs	0.22	ASTM F1249
Film Shelf Life	50-80°, 30-70% RH	12 months from delivery	N/A
Seal initiation Temp	Fahrenheit (°F)	200	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.