

IMPAK CORPORATION

PAKSAFE

This lamination of film foil and polyethylene has a wide range of uses where a high barrier film is needed with a low WVTR. It is ideal for packaging of hygroscopic items and products susceptible to corrosion, and in food or medical device packaging, where very low oxygen levels are required.

PHYSICAL PROPERTIES (proprietary Aluminized PET structure / adhesive / LDPE)

Total Thickness (mils)	7.0 mils
WATERVAPOR TRANSMISSION RATE (ASTM F-1249)	<0.008 gr./100in ² 24 hrs
O ₂ TRANSMISSION RATE (ASTM D-3985)	0.001/cc/100in ² /24 hrs.
TENSILE STRENGTH (ASTM D882-83, A)	1000 MD psi / 1200 TD psi
TEAR STRENGTH (ASTM D1004-66 NOTCHED)	5.2 lb. MD / 7.0 lb. TD
PUNCTURE STRENGTH (FTMS 101-C; 2065.1)	>29 lb.
MULLEN BURSTING STRENGTH (FTMS 101-C, 2007 1a)	120 psi
HEAT SEAL STRENGTH (ASTM D-1876-72)	>11 lb. / in. width
LIGHT TRANSMISSION (ASTM D1003-77)	<.01%
ELONGATION (ASTM D882-83A)	40% MD / 74% TD

IMPAK CORPORATION makes no warranty, expressed or implied, as to the suitability of these materials for any specific use. The values shown above were developed from random samples taken from production material. We believe them to be typical for the product. Actual values may vary somewhat from those depicted here. Customers should determine product suitability based upon their own internal criteria.