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ABCWG5

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 (48GaPET/ PE / .00035 FOIL / LLDPE)

Total Thickness (mils)	4.5 mil
WATERVAPOR TRANSMISSION RATE (FED 101) (routinely measured at .0003 -we certify to .005 maximum)	< 0.005 gr./100in.2 24 hrs. (.0003 measured)
O2 TRANSMISSION RATE (MOCON)	0.001/cc/m2 /24 hrs. (0.0006 measured)
TENSILE STRENGTH (ASTM D882-83, A)	22 lb./in.
BREAKING STRENGTH (GRAB - FED 191)	58 lb.
MULLEN BURSTING STRENGTH (TAPPI T403)	57 lb./in2
PUNCTURE STRENGTH (FTMS 101)	15.2 LB.
RECOMMENDED HEAT SEAL CONDITIONS	400 °F/40 PSI/1 sec.
Foil Thickness	.00035 MINIMUM