



VAPORFLEX® STANDARD & PREMIUM

YOUR ULTIMATE DEFENSE AGAINST MOISTURE, MOLD, AND HARMFUL GASSES

Layfield's VaporFlex® is the trusted solution helping to defend concrete slabs and foundations against moisture infiltration, mold, and harmful gases—a pervasive threat for property owners and the construction industry across North America. Available in a standard and premium formulation, VaporFlex® sets the standard for effectiveness in the building industry, surpassing ASTM E-1745 Class A, B, and C requirements.

Within the VaporFlex® line, VaporFlex® Premium takes protection to new heights. Experience unmatched defense against methane, radon, and harmful VOCs, boasting over 100 times less permeability than standard polyethylene vapor retarders. Rigorously tested and verified, VaporFlex® Premium stands as your reliable defense against a range of threats, from BTEX and HS to methane, radon, and beyond, when used as part of a vapor/gas management system.



WIDE RANGE OF CHEMICAL TESTING COMPLETED

Tested to a wide range of VOCs, including benzene, toluene, and xylene, VaporFlex® Premium demonstrates the highest barrier characteristics.



ENHANCED PERFORMANCE PROPERTIES

EVOH is a flexible thermoplastic copolymer with excellent flex-crack resistance and very high resistance to hydrocarbons, oils, and organic solvents.



RESISTANCE TO DECAY AND DEGRADATION

The EVOH film used in VaporFlex® Premium is encapsulated between layers of polyolefin film to protect it from the elements.

VaporFlex® Line:



▶ VAPORFLEX® STANDARD (10/15 MIL)

VaporFlex® is the trusted solution for safeguarding concrete slabs and foundations from moisture infiltration, halting mold formation and growth. With mold posing a significant liability for property owners and the construction industry throughout North America, VaporFlex® stands as a proven defense. Engineered to surpass ASTM E1745 Class A requirements, VaporFlex® offers unparalleled protection against the costly consequences of moisture-related issues.

▶ VAPORFLEX® PREMIUM (20 MIL)

VaporFlex® Premium is a seven-layer coextruded barrier manufactured using high-grade virgin polyethylene and EVOH resins. This barrier offers exceptional impact strength and outstanding gas and moisture transmission resistance. VaporFlex® Premium is designed to effectively mitigate hazardous vapor intrusion, safeguarding indoor air quality and prioritizing the safety and health of building occupants. VaporFlex® Premium exceeds ASTM E-1745 Class A, B, and C requirements. Available in 20 (Class A) mil thickness, it is designed to meet the most stringent requirements.

ACCESSORIES:



Butyl Seal Tape

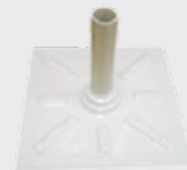
Butyl seal is a double-sided aggressive reinforced black butyl rubber tape used to join panels of polyethylene and polypropylene together by overlapping the edges and applying Butyl Seal in between.



VaporSeal™ Tape

(For use with VaporFlex® Premium)

VaporSeal™ Tape is a patent pending single sided 7-layer gas barrier tape with a release liner for ease of installation. The backing contains a layer of highly impermeable EVOH designed to block migration of radon, methane, and VOC's.



VaporFlex® Premium Preformed Pipe Boots (VFPBT)

VFPBTs are produced from heavy 40 mil co-extruded polyethylene and barrier resins for excellent strength and durability. The preformed boots are stepped to fit 1" to 4" wide pipe penetrations.