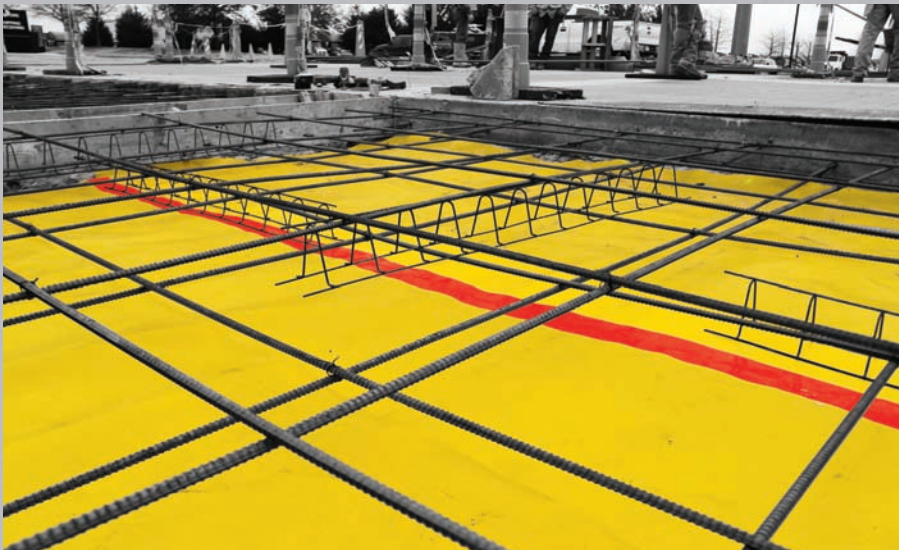


Yellow Guard™

10 MIL VAPOR RETARDER

Husky™ Yellow Guard™ vapor retarders are waterproofing membranes manufactured using top-quality polyethylene (polyolefin) resins. Husky™ Yellow Guard™ vapor retarders are manufactured to be used in contact with soil and granular fill under concrete slabs, beams, and footings, and provide exceptionally low water vapor permeance. Husky™ Yellow Guard™ vapor retarders are manufactured by Poly-America, an industry leader in the manufacture of polyethylene films. Poly-America utilizes state-of-the-art processing equipment.



VAPOR BARRIER HIGHLIGHTS

- Developed for use as a durable vapor retarder.
- Formulated from top-quality polyethylene (polyolefin) resins.
- Exceeds industry-standard ASTM E 1745 Class A, Class B, and Class C specifications.
- Full-time on-line quality monitoring and routine laboratory testing.
- Restricts migration of soil gases such as radon & methane.
- Exceptional low water vapor permeance, several times lower than industry-standard ASTM E 1745 Class A.
- Wider rolls may yield up to 32% fewer seams than the competition's standard size. Fewer seams result in increased installation efficiency and fewer opportunities for leaks/failure.
- Maintains low water vapor permeance even after exposure to severe field conditions.
- Outstanding tensile properties and puncture resistance.
- Excellent resistance to low-temperature brittleness.
- Available nationwide.

Quality Control & Quality Assurance

All resins, additives, and concentrates for use in Husky™ Yellow Guard™ vapor retarders must meet Poly-America's stringent raw material specifications. Husky™ Yellow Guard™ vapor retarder is manufactured with continuous process-control monitoring and is routinely tested in Poly-America's state-of-the-art laboratory during and after production.

In addition, Husky™ Yellow Guard™ vapor retarder has been tested by accredited independent laboratories to ensure that it meets ASTM E 1745 Class A, Class B, and Class C specifications.

Installation

Installation of Husky™ Yellow Guard™ vapor retarder, including placement, lap joints, pipe penetrations, protection, repair, and suggested field check list, shall be in accordance with ASTM E 1643 standard practice and the project specifications and plans.

Availability

Husky™ Yellow Guard™ 10 mil vapor retarders are available nationwide. Visit www.yellowguard.com for more information.

PROPERTIES OF HUSKY™ YELLOW GUARD™ VAPOR RETARDER

Properties	Test method	ASTM E 1745 Class A Requirements	Test Result*	Measures	
Permeance	ASTM F 1249	0.1 perms	0.028 perms/**0.0126 WVTR	Resistance to water vapor	
Puncture Resistance	ASTM D 1709 Method B	2200 g	2300+ g	Impact energy required to cause failure	
Tensile Strength	ASTM D 882	45.0 lbf./in.	50+ lbf./in.	Force required to break/rupture film	
Permeance After Conditioning	ASTM E 154	section 8	0.1 perms	0.030 perms	Resistance to water vapor after:
		section 11	0.1 perms	0.031 perms	-wetting, drying, and soaking
		section 12	0.1 perms	0.031 perms	-heat conditioning
		section 13	0.1 perms	0.032 perms	-low-temperature conditioning -soil organism exposure
Thickness			10 mils		
Roll Dimensions			20 ft. x 100 ft.		
Roll Weight			95.5 lbs.		

*All values are typical values and may vary within industry tolerances.

Note: perm unit = grains/ft² *hr* in.Hg

**WVTR = Water Vapor Transmission Rate

Limited Replacement Warranty

Poly-America provides a limited replacement warranty on Husky™ Yellow Guard™ vapor retarder representing that the vapor retarder is free from material defects for a period of 1 year from the date of sale. The specific details of Poly-America limited replacement warranty are available at <http://www.yellowguard.com/limitedwarranty.pdf>.



Poly-America

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