

Geo Foam Protection

Absolute Barrier
THE ULTIMATE IN GAS CONTAINMENT

High Performance Barrier Geomembranes

- Stop Damaging Gas Migration
- Flexible & Conforming to Angles
- Superior Tear & Puncture Strength

“Over 8000% More Effective than Competing Membranes against Gasoline Vapor Transmission.”

Absolute Barrier™ is manufactured by Raven Industries; a well known American manufacturer with over 40 years of experience. Raven provides cutting edge geomembrane solutions with a diverse product line including smooth, reinforced and textured geomembrane liners and covers. We house a state-of-the-art product development center; our Technology Solutions Center provides the latest in test and processing equipment to assure continuous improvement and product innovation. From super-stabilized membranes meeting GRI-GM 22 Specifications to critical NSF certifications, our geomembranes are produced under the strict guidelines of our ISO 9001:2008 certified management system to guarantee performance.

Please refer to the back side of this flyer to learn how Absolute Barrier™ membranes perform when put to the test in blocking gas vapor transmission.



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Geo Foam Protection Test

How Chemically Resistant is Absolute Barrier™ Compared to Competitive Membranes Specified in Geo Foam Protection? We recently conducted an internal test study using gasoline submersion to compare Absolute Barrier™ products (25 & 30 mil) against two of the standard competitive membranes. We compared two Absolute Barrier™ L-Series membranes against TPA (Tri-polymer Alloy) and EIA (Ethylene Interpolymer Alloy) membranes in the study. We placed identical sized geo foam specimens in sealed membrane pouches (#1), all pouches were sealed in the same method, and were placed in a test structure (#2) to be submerged in buckets of gasoline (#3) for identical duration times.

How well did Absolute Barrier do in Gasoline Testing vs. Competitors? After removing the sample pouches from gasoline submersion (#4) they were cut open and it was concluded that the geo foam specimen in the Absolute Barrier™ pouch was fully intact with no marked change (#5) and in both the TPA and EIA membrane pouches the geo foam specimen had changed and been broken down as shown in image #6 & #7. This test study was done as a head to head internal test comparison to show direct results, we encourage specifiers and installers to conduct their own testing and are confident the conclusion will be repeated.



Absolute Barrier™ L-Series is a seven layer, co-extruded membrane consisting of a very flexible, linear low-density polyethylene (LLDPE) with a barrier core layer to provide superior resistance to gas transmission. LLDPE provides high elongation, tremendous tear resistance and bursting strength.

Note: Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.



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