



MEMBRANE PRODUCT DESCRIPTIONS



FABWRAP™

Fabwrap 20™ is a low cost zero-perm, USDA acceptable, rubberized asphalt membrane for use indoors, it can be exposed to indoor UV lighting, and it will tolerate 170° wash downs. **Fabwrap™** is designed to be a superior vapor barrier membrane, which like our other products, it cold flows, re-seals itself in event of puncture. **Fabwrap™** is only available from insulation fabricators.

INSULRAP 30™ and INSULRAP 30-SJ™

I-30-SJ™ is a superior vapor barrier membrane, with a perm rating of .015 perms; intended for use on cold piping systems *under jacket*. The benefits of **I-30-SJ™** is the 3x3 polyester scrim, which adds strength to the membrane while producing a less elastic product for ease of application by insulation fabricators. This product is designed for cold systems over installation for cellular glass, urethane, and Styrofoam insulation.

INSULRAP 50™ and INSULRAP 50-SJ™

I-50™ is a superior vapor barrier membrane, with a perm rating of .015 perms; intended for use in direct burial piping applications. The benefits of **I-50™** are a heavy, scrim-reinforced white polyethylene face, which withstands the rigors of direct burial installation, it is preferred that this membrane is installed with 'clean backfill', but can be installed with **Polyguard's Insulshield™** in rockier backfill situations, large diameter pipes must have **Outerwrap™** installed to alleviate the effects of soil stress.

INSULRAP 'NO TORCH' 125™

Insulrap 'No Torch' 125™ is a heavy-duty vapor barrier membrane, with a perm rating of .015 perms; intended for use in direct burial piping applications. The benefits of **'No Torch' 125™** are a combination of both the properties of **I-30-SJ™** and **Alumaguard™** creating a heavy-duty membrane, which withstands the rigors of direct burial installation. Primarily for use over Cellular Glass insulations, our extra thick, heavy-duty membrane is a 'peel and stick' membrane for elevated temperatures. It does not require a torch or open flame to seal it; pressure from rolling is all that is necessary to seal the product. Normally fabricator applied and supplied with butt strips, the product can also be field applied.

OUTERWRAP™ AND INSULSHIELD™

Insulshield™ is an 'insurance policy' for extra protection over direct burial membranes where sand backfill is not anticipated. **Insulshield™** increases the mechanical protection of the vapor barrier from puncture by foreign objects. The product is field applied by the insulation contractor with strapping tape at 24" increments. **Outerwrap™** reduces soil stress to the membrane on larger pipes, it is a critical part of **Insulrap™** installations.

ALUMAGUARD PRODUCTS ON REVERSE SIDE

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Ennis, TX 75120
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This information is based on our best knowledge, but
POLYGUARD cannot guarantee the results to be obtained.



ALUMAGUARD PRODUCT DESCRIPTIONS



ALUMAGUARD™

Alumaguard™ is a foil faced UV resistant, vapor barrier and weather barrier membrane, self stick, self-healing, with a perm rating of .014; for use on exterior duct and piping, and vessels. **Alumaguard™** is a high strength 4-mil membrane laminated to 1 mil of aluminum foil. Its 400% elongation eliminates the need for 'slip joints', as it expands and contracts with the system without rupture or leakage. **Alumaguard™** outperforms other common exterior weather barriers, laggings, or coatings, and, by providing exceptional UV protection, weather protection, vapor barrier, and mechanical protection; and simple 'peel and stick' installation!

ALUMAGUARD LITE™

Alumaguard™ is a foil faced UV resistant, vapor barrier and weather barrier membrane with a perm rating of .005; for use on the bottom of exterior duct. **Alumaguard Lite™** is a high strength 4-mil membrane laminated to 1 mil of aluminum foil, with a low temperature acrylic adhesive instead of our rubberized asphalt. **Alumaguard Lite™** alleviates the old problem of having to pin **Alumaguard™** to the bottom of larger duct systems. **Alumaguard Lite™** provides exceptional UV protection, weather protection, vapor barrier, and mechanical protection for the bottom of ducts, simple 'peel and stick' installation. **Alumaguard Lite™** is the perfect product for all your indoor vapor barrier requirements; even 25/50 and wash down areas.

ALUMAGUARD EE™ (Extended Edge)

Alumaguard EE™ is the same product as **Alumaguard™** with an added asphalt only strip on one edge with a zip strip. **Alumaguard EE™** is installed just like **Alumaguard™**, the asphalt edge insures a permanent "asphalt to asphalt" seal when you overlap the next piece of **Alumaguard™**; just remember to keep the asphalt edge in the direction you're working. . .

ALUMAGUARD LT™ (Low Temperature)

Alumaguard LT™ is basically **Alumaguard™** AND **Alumaguard Lite™** sandwiched together. You get all the benefits of **Alumaguard™**'s self-healing PLUS the benefits of cold weather application of the product without having to use a solvent based activator on the ductwork first. The acrylic adhesive's bond actually increases over time.