



**LOW-E HVAC/RADIANT**  
*Reduces your carbon footprint.*

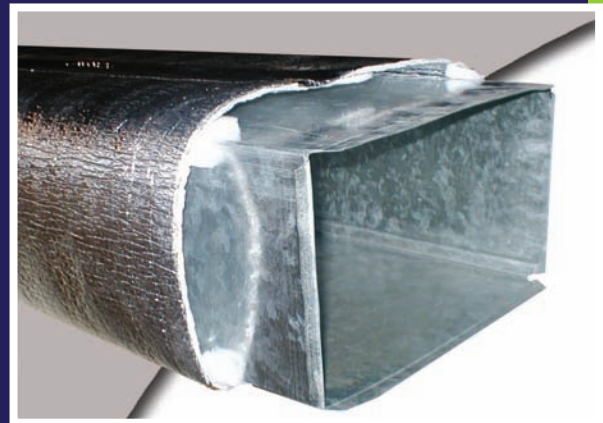


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**ESP Low-E HVAC/Radiant Insulation is constructed of closed cell polyethylene faced on both sides with a durable 99.4% pure aluminum. These products have a multitude of uses within the HVAC and Radiant Heating Industries.**



From duct Insulation, cold air returns, radiant floor applications and interior stud wall insulation ESP Low-E® Insulation can offer many benefits for both the installer and the homeowner versus typical duct/radiant insulation. It stops up to 97% of radiant heat transfer, absorbs absolutely no moisture, won't mildew or deteriorate and it's totally non-toxic. This results in a clean, hypo-allergenic insulation that is free of fibers. Best of all, for the installer, it is lightweight, cuts easily with a razor knife and there is NO ITCH!



**BENEFITS OF LOW-E HVAC/RADIANT**

- Increases energy savings
- Non-toxic, no fiberglass – no itching
- Excellent vapor barrier
- Installs easily with razor knife and foil tape
- All Testing Current and Available
- Superior thermal performance
- Flexible and durable
- Improves insulation system performance
- Excellent for crawl spaces
- Great for new construction or retrofits

\* The information contained herein pertains to only the product codes listed on the reverse side of this flyer.

**PRODUCT NAME – ESP LOW-E® HVAC INSULATION**  
**PRODUCT CODES – 4EFED, 5FEFD**  
**FINISHED DIMENSION – 48" w x 125' l (standard)**  
**CORE MATERIAL – Polyethylene**  
**FACINGS AVAILABLE – Foil/Foil**  
**EDGINGS AVAILABLE: Trimmed**  
**FLAME AND SMOKE – ASTM E 84**  
**FLAME SPREAD: Less than 25, Smoke Developed: Less than 50**  
**R-VALUE – ASTM C-518: (1/2" Space) R-6.41**  
**EMMITANCE: 0.03**  
**IMPORTANT: Install spacers every 24" to 36".**  
**Tape ALL seams with a U.L. 181 approved HVAC foil tape.**

**PRODUCT NAME – ESP LOW-E® TAB INSULATION**  
**PRODUCT CODES – 16EFEC, 24EFEC**  
**FINISHED DIMENSION – 16" w x 125' l (standard), 24" w x 125' l ; Shipped in roll**  
**form bundles of 2 each for 24", 3 each for 16".**  
**18" available by special order only (18EFEC).**  
**CORE MATERIAL – Polyethylene**  
**FACINGS AVAILABLE – Foil/Reinforced Foil**  
**PERM RATING: ASTM E-96: 0.008**  
**FLAME AND SMOKE – ASTM E 84**  
**FLAME SPREAD: Less Than 25, Smoke Developed: Less Than 50**  
**R-VALUE – Up to R-13\***  
**IMPORTANT: T0001 Foil tape is recommended with Low-E Tab Insulation**  
 \*System R-Values calculated by GEOSCIENCE LTD. Report available upon request.

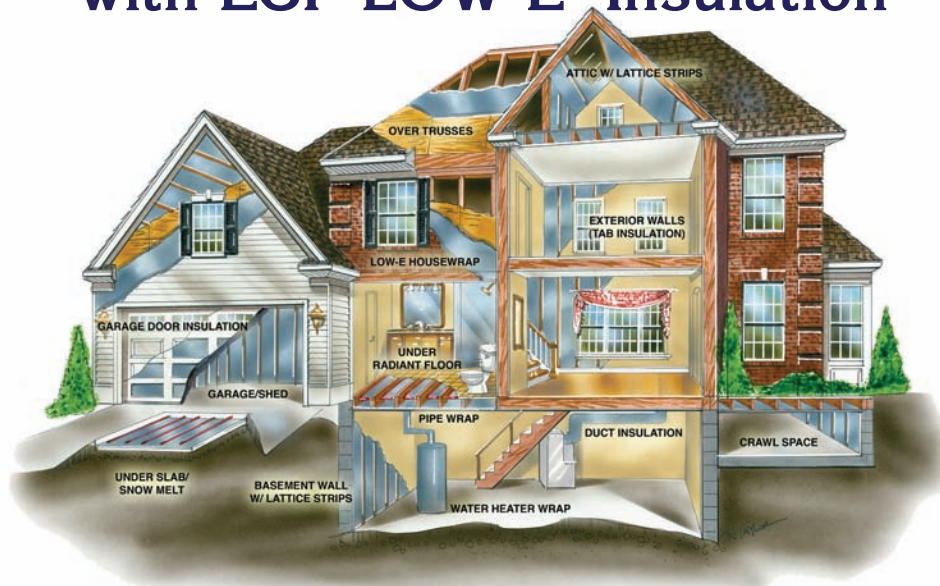
Do not leave product exposed on walls or ceilings where ceilings are under 10'. Areas under 10' should be covered with a proper thermal barrier. See your local Code Official for more information.

**WARNING:** Although ESP LOW-E® Insulation Products are all ASTM fire tested; it is recommended that they or any insulation material should not be exposed to open flame or other ignition sources of sufficient intensity during shipment, storage or installation.

**Caution:** Aluminum is an Electrical Conductor. Please use caution when working around electrical sources including overhead power lines.

For detailed testing information please contact us at 1-800-289-5693.

## Discover even more ways to lower energy costs with ESP LOW-E® Insulation



Green building is not just a trend, but the wave of the future as more and more homeowners and builders demand energy efficient homes and products. ESP LOW-E® Insulation products are designed for maximum energy and cost efficiency. Whether it's under slab, under roof, around duct work or wrapping the entire house, ESP LOW-E® Reflective Insulation products save more money on heating and cooling than regular insulation and housewrap.



Check out all the ways ESP LOW-E® Insulation can help reduce your energy consumption around the home.

**ESP LOW-E® Insulation • ESP LOW-E® Housewrap • ESP LOW-E® SlabShield**

**For more information and a free sample of LOW-E material, or for the dealer nearest you visit [www.low-e.com](http://www.low-e.com) or call 1.800.289.5693**

*ESP LOW-E is a trademark of Environmentally Safe Products, Inc.*

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