

ESP LOW-E

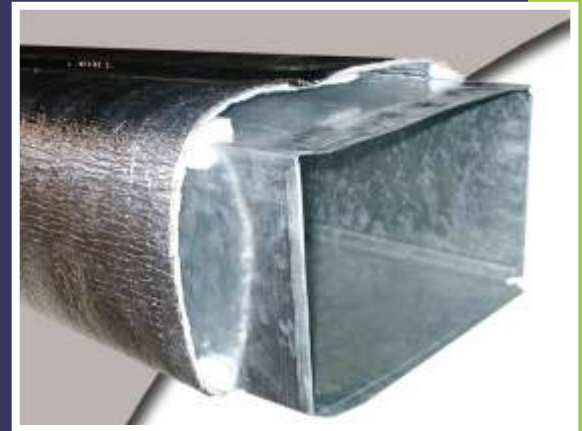
REFLECTIVE INSULATION
YOUR EVERYDAY INSULATION SOLUTION



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
- Reflects up to 97% radiant energy

PRODUCT NAME – ESP LOW-E® HVAC INSULATION
 PRODUCT CODES – 4EFED, 5EFED
 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
 EMITTANCE: 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.

Like a radiant barrier, Low-E products also block 97% of radiant heat.

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

Do not leave product exposed when placed on both walls and ceiling of a conditioned space if ceiling height of space is less than 10 feet. In conditioned spaces where product is being used on both walls and ceiling, and ceiling height is less than 10 feet, surfaces should be covered with a proper thermal barrier.

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.

"ESP, Inc strives to provide the most accurate R-value data possible. The R-values set forth in this document are the reflection of a combination of industry standard testing and conscientious calculation. However, these numbers, even within specific applications, can fluctuate due to the multiple variables that influence R-value."

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

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 or call 1-800-289-5693