



LOW-E HVAC/RADIANT
Reduces your carbon footprint.

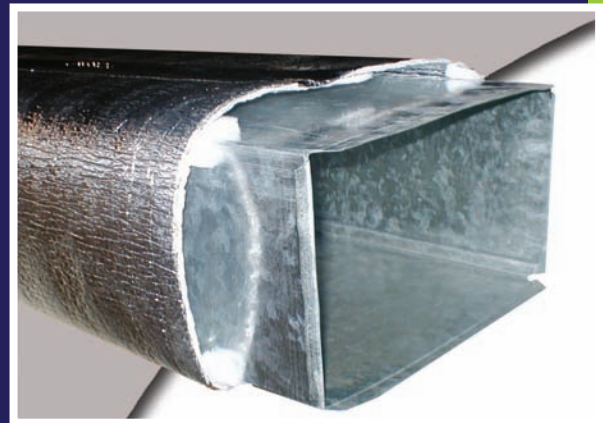


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ESP Low-E HVAC/Radiant Insulation is constructed of closed cell polyethylene faced on both sides with a durable 99.4% pure aluminum. These products have a multitude of uses within the HVAC and Radiant Heating Industries.



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 or call 1.800.289.5693

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

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