



**Low-E Insulation™**  
 PATENT# 5316835  
*It's all about your comfort!*



Members of the following Organizations



Benefits of ESP Low-E® Insulation:

- Saves time and money
- Non-toxic, no fiberglass - no itching
  - Excellent vapor barrier
- Installs easily with razor knife and foil tape
  - Class A/Class 1 Fire Rating
  - Superior thermal performance
- Improves insulation systems performance
  - Insect/bird resistant
  - Seals tight around fasteners
- Can be used with mass insulations
  - Certified ASTM testing





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## ESP Low-E® Insulation Product Information

### Product Identification:

Product Name:	ESP Low-E® Insulation
Product Codes:	4LFLT, 4LFLS, 6LFLT, 6LFLS

### Other Information:

Finished Dimension:	48" Width x 125' Length, 72" Width x 84' Length; Shipped in roll form
Core Material:	Polyethylene
Facing:	99.4% Polished Aluminum with reinforced scrim
Perm Rating:	ASTM E-96: 0.008
Flame and Smoke:	ASTM E-84-98 Flame Spread: 5 Smoke Developed: 50 NFPA 286 fell within all 5 specified conditions of the test and no flash over occurred
R-Value:	*Down: 13, *Horizontal: 9.6, *Up: 8.1
Emittance:	0.03

### Notes and Warnings:

\*System R-Values calculated by GEOSCIENCE LTD. Report available upon request.

Do Not leave this 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 and have excellent fire ratings; 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.



Dealer Information

