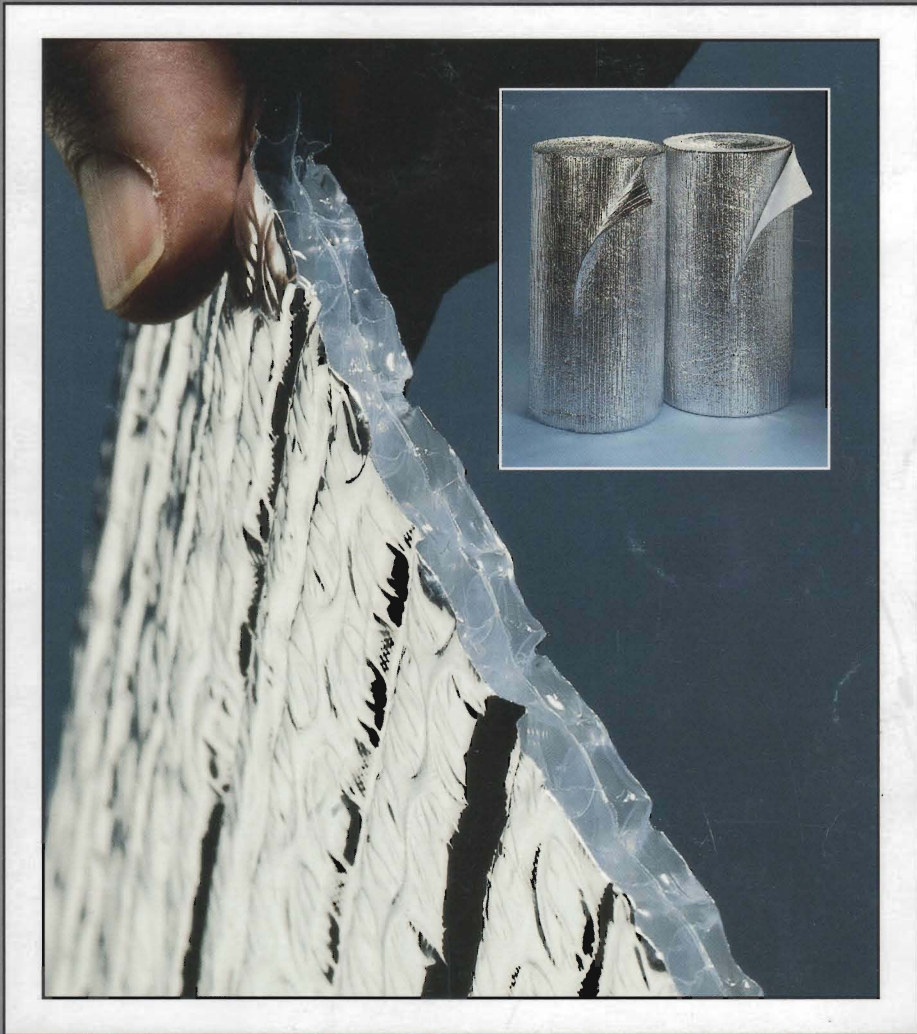


POLYAIR®

P A C K A G I N G

Leading the way with better ideas!



FLEXFOIL™
REFLECTIVE INSULATION

FLEXFOIL™

REFLECTIVE INSULATION

POLYAIR® FLEXFOIL™ Reflective Insulation provides space age management of heat/cold retention for a variety of applications. Uniquely designed, the new insulation material is comprised of two layers of bubble laminate which are sandwiched together, heat-sealed, and encased by an aluminum outer surface. This special combination results in an insulation product that offers optimal thermal retention capabilities. Easy to use and install, FLEXFOIL™ Reflective Insulation offers many advantages over materials such as expanded polystyrene, polyethylene or fiberglass insulation. FLEXFOIL™ Reflective Insulation reflects 97% of all radiant heat energy back towards its source. It has been found that reflecting heat energy back in this way is the most effective way to insulate. Most other materials use their density and thickness to retard heat flow, which generally costs more and requires more labor to install.

TECHNICAL DATA FOR FLEXFOIL™ REFLECTIVE INSULATION

	DOUBLE BUBBLE
NOMINAL THICKNESS	3/8 in
WEIGHT	0.093 lb/ft ²
PUNCTURE RESISTANCE	68 psi
TEMPERATURE RANGE	-60°F to 180°F
FLAME SPREAD (ASTM E84-91a)	10
SMOKE DEVELOPMENT (ASTM E84-91a)	30
FIRE RATING	CLASS 1
PERM RATING (ONGC 51.33 CLASS I)	0.000
LINEAR SHRINKAGE	NONE
ELASTICITY:	
TENSILE STRENGTH (MD)	104.4 psi
TENSILE STRENGTH (CD)	105.8 psi
ELONGATION:	
MACHINE DIRECTION	111.3%
CROSS DIRECTION	91.3%
EMITTANCE	0.03-0.08
REFLECTIVITY	0.92-0.97
NATIONAL RESEARCH COUNCIL	CCMC 12584-R
NATIONAL STANDARD OF CANADA	CAN/CGSB-51.33-M89
ROLL SIZE	4 ft x 125 ft
Single layer bubble product available on request. Custom roll dimensions by special order.	

THERMAL VALUE TEST RESULTS*

DOUBLE BUBBLE HEAT FLOW	R-VALUE (ft ² h °F/Btu)
HEAT FLOW DOWN	14.56
HEAT FLOW UP	5.37
HEAT FLOW HORIZONTAL (SIDEWAYS)	6.70

*The thermal test results were determined in a guarded hot box facility according to ASTM-C1224/236 (July 1995). The above values are for the reflective insulation and associated air cavities only. All thermal values are corrected for stud loss. The measurements are made in a nominal 2' x 6' wall cavity on 16" centers, excluding both the interior and exterior 3/4" plywood wall construction.

All tests on FLEXFOIL™ Reflective Insulation are performed by either The Canadian National Research Council or by Nationally Approved Independent Laboratories. For complete details regarding testing methods and design of wall cross-section, consult Polyair's Insulation Hotline at 416-740-2687.

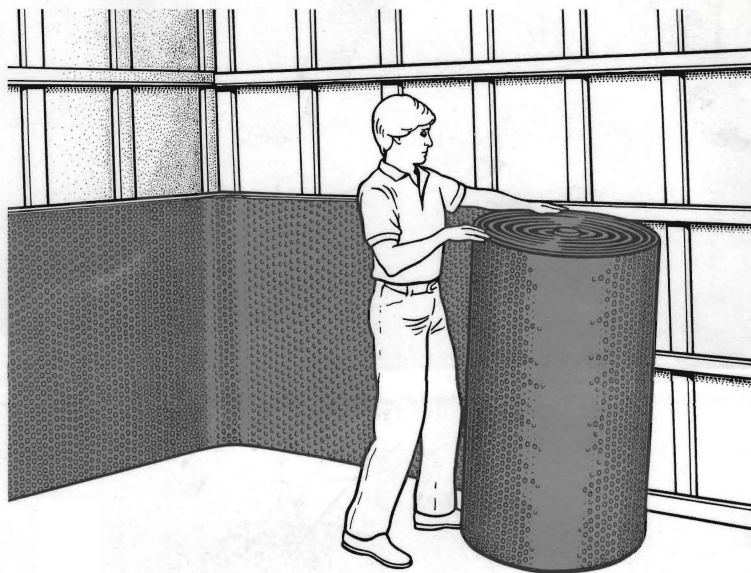
NOTE: Insulative ability in open applications cannot be accurately measured by the C-236 hotbox test. It is the innate reflective capability that causes the R value of the insulation system to increase as the outside air temperature decreases.

APPLICATIONS

HOME IMPROVEMENTS & ADDITIONS
 INDUSTRIAL BUILDINGS • AGRICULTURAL BUILDINGS
 AIRCRAFT INSULATION • AUTOMOTIVE INSULATION
 PHARMACEUTICAL SHIPPERS • SURVIVAL BLANKETS
 CAMPING • CONCRETE CURING BLANKETS
 BEVERAGE COOLERS • CARGO LINERS
 POST FRAME CONSTRUCTION • SUN VISORS FOR WINDSHIELDS
 WATER HEATER JACKETS • PIPE & DUCT WRAP

FEATURES

EASY TO INSTALL • COMPACT
 CLEAN, NON-TOXIC • THIN, PLIABLE, & LIGHT WEIGHT
 PUNCTURE RESISTANT • FUNGUS RESISTANT
 VAPOR BARRIER • RADON BARRIER



POLYAIR
 PACKAGING
 Leading the way with better ideas!

For more information, call our friendly Customer Service Departments in the following locations:

EAST COAST	SOUTHEAST	MIDWEST	WEST COAST	CANADA
495 MEADOW LANE CARLSTADT, NJ 07072 TEL 201-804-1725 FAX 201-804-1710	4525 FREDERICK DR. ATLANTA, GA 30336 TEL: 404-505-8742 FAX: 404-505-1198	808 E. 113TH ST. CHICAGO, IL 60628 TEL 312-995-1818 FAX 312-995-7725	1692 JENKS AVENUE. CORONA, CA 91720 TEL 909-737-7125 FAX 909-737-8021	195 REXDALE BLVD. TORONTO, ONT. M9W 1P7 TEL 416-740-2687 FAX 416-740-2692

POLYAIR® PACKAGING, A DIVISION OF CANTAR/POLYAIR CORPORATION