TECHNICAL DATA SHEET

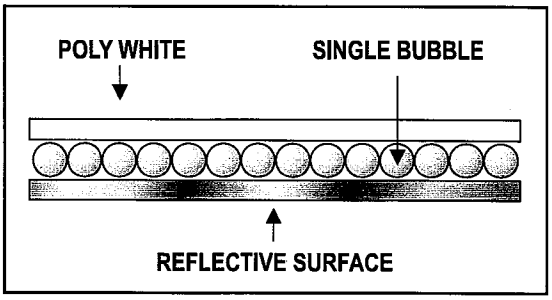
POLY - REFLECTIVE INSULATION (Single Layer)

www.rFOIL.com

Product Description:

rFOIL™ Reflective Bubble Insulation is a single layer of polyethylene bubbles, sandwiched between a highly reflective surface and a white polyethylene sheet. It is ideal for many residential and commercial building applications, including walls and ceilings.

Adding rFOIL™ Reflective Bubble Insulation to your construction project improves the insulation value of the building envelope and significantly increases it's energy efficiency. As well, all products in this line are classified as Class 1 / Class A in accordance with the ASTM-E84-09 fire test standard. The product was mounted in accordance to ASTM-E2599-08.



Stock Sizes Available (Rolls):

Size	48" X 125'	72" X 102'	72" X 125'
Part No.	2510-48-125	2510-72-102	2510-72-125
Part No.	2610-48-125	2610-72-102	2610-72-125

Features:

- UV (Ultra Violet) Resistant Facing
- Class 1 / Class A Fire Rating
- 96% Reflectivity for optimal thermal performance
- Neat, washable white polyethylene surface / UV Protected
- Radiant and vapor barrier all-in-one
- Double bubble provides an effective thermal break
- Available in Square Edge, Quick-Seam or Tab Two

Verified by RIMA International™ REFLECTIVE INSULATION MANUFACTURERS ASSOCIATION US-006-10

Applications:

- Metal Buildings (roof, walls)
- Residential Wall Cavities
- Post Frame Buildings

Physical Properties	Test	Value
NOMINAL THICKNESS	—	3/16"
FIRE RATING	ASTM E84-09/ASTM E2599-08	CLASS 1 / CLASS A
EMISSIVITY	ASTM C1371-04A	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.01 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH
PLIABILITY	ASTM C1224-03	NO CRACKING
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION
CORROSIVENESS	ASTM D3310-00	PASS
UV TESTING	ASTM G155	90+% RETAINED RETENTION after 4000 hrs
Fire Testing	NFPA286	Passes

COVERTECH FABRICATING INC.

279 Humberline Drive Etobicoke, ON M9W 5T6
In CANADA: 1-800-837-8961 In US: 1-888-887-3645
Local: 416-798-1340 Fax: 416-798-1342 Email: sales@rfoil.com
Visit our Website: www.rfoil.com

TECHNICAL DATA SHEET

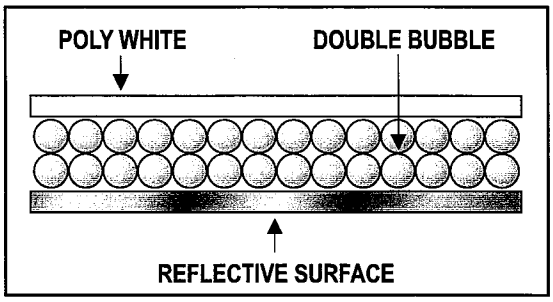
POLY - REFLECTIVE INSULATION (Double Layer)

www.rFOIL.com

Product Description:

rFOIL™ Reflective Bubble Insulation is a double layer of polyethylene bubbles, sandwiched between a highly reflective surface and a white polyethylene sheet. It is ideal for many residential and commercial building applications, including walls and ceilings.

Adding rFOIL™ Reflective Bubble Insulation to your construction project improves the insulation value of the building envelope and significantly increases it's energy efficiency. As well, all products in this line are classified as Class 1 / Class A in accordance with the ASTM-E84-09 fire test standard. The product was mounted in accordance to ASTM-E2599-08.



Stock Sizes Available (Rolls):

Size	48" X 125'	72" X 102'	72" X 125'
Part No.	2520-48-125	2520-72-102	2520-72-125
Part No.	2620-48-125	2620-72-102	2620-72-125

Features:

- UV (Ultra Violet) Resistant Facing
- Class 1 / Class A Fire Rating
- 94.3% Reflectivity for optimal thermal performance
- Neat, washable white polyethylene surface / UV Protected
- Radiant and vapor barrier all-in-one
- Double bubble provides an effective thermal break
- Available in Square Edge, Quick-Seam or Tab Two

Verified by RIMA International™ REFLECTIVE INSULATION MANUFACTURERS ASSOCIATION US-006-10

Applications:

- Metal Buildings (roof, walls)
- Residential Wall Cavities
- Post Frame Buildings

Physical Properties	Test	Value
NOMINAL THICKNESS	—	5/16"
FIRE RATING	ASTM E84-09/ASTM E2599-08	CLASS 1 / CLASS A
EMISSIVITY	ASTM C1371-04A	0.057
REFLECTIVITY	ASTM E903	0.943
WATER VAPOR PERMEABILITY	ASTM E96	0.42 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH
PLIABILITY	ASTM C1224-03	NO CRACKING
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION
CORROSIVENESS	ASTM D3310-00	PASS
UV TESTING	ASTM G155	90+% RETAINED RETENTION after 4000 hrs
Fire Testing	NFPA286	Passes

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