



BayFoil™ is a premium Reflective Insulation with a Lifetime Limited Warranty. R&D developed, tested, and manufactured in the U.S.A. to the highest quality standards. BayFoil consists of a premium reflective film and a blend of several compounds to ensure the surface won't delaminate, crack, pit, chalk, peel or discolor. Formulated for greater strength and elasticity with an added blend of antioxidants, sunscreen, and color stabilizing compounds providing a premium quality white polymer surface that won't fade over time.

BayFoil™ serves as a vapor retarder. A unique manufacturing process that bonds the polymer and reflective film together in one-step allows trapping and maintaining more air in each bubble for a higher quality insulation and improved energy efficiency year-round.

- EASY TO INSTALL
- REDUCES RADIANT HEAT TRANSFER
- ROLL WIDTHS UP TO 8'
- STAPLE TABS
- QUICK SEAM TAPE TABS (DOUBLE-SIDED TAPE)
- SINGLE BUBBLE & DOUBLE BUBBLE
- REFLECTIVE & WHITE
- LIFETIME LIMITED WARRANTY

Product Information

Width	16"	24"	48"	66"	72"
Coverage	166 ft ²	250 ft ²	500 ft ²	688 ft ²	750 ft ²
Length	125'	125'	125'	125'	125'
Diameter Double Bubble	22"	22"	22"	22"	22"
Diameter Single Bubble	16"	16"	16"	16"	16"
Square Edge	✓	✓	✓	✓	✓
Staple Tab Edge	✓	✓	✓	✓	✓
Quick Seam Tape Tab Edge	✓	✓	✓	✓	✓

EDGE DETAILS



SQUARE



STAPLE TAB



QUICK SEAM TAPE TAB

Test Data				
PROPERTIES (TEST STANDARD)	REFLECTIVE DOUBLE BUBBLE REFLECTIVE 2 layers of bubbles, reflective surface on both sides	POLY DOUBLE BUBBLE REFLECTIVE 2 layers of bubbles, reflective surface on one side and white vinyl on the other	REFLECTIVE SINGLE BUBBLE REFLECTIVE 1 layer of bubbles, reflective surface on both sides	POLY SINGLE BUBBLE REFLECTIVE 1 layer of bubbles, reflective surface on one side and white vinyl on the other
Water Vapor Permeance (ASTM E96)	0.01 perm	0.12 perm	0.04 perm	0.02 perm
Temp & Humidity Resistance (ASTM C1258)	-	0.42 perm	0.37 perm	0.27 perm
Mold & Mildew (ASTM C1338)	Pass	Pass	Pass	Pass
Corrosiveness (ASTM D3310)	No Cracking or Pitting	No Cracking or Pitting	No Cracking or Pitting	No Cracking or Pitting
Pliability (ASTM C1224)	No Cracking or Delamination	No Cracking or Delamination	No Cracking or Delamination	No Cracking or Delamination
Bleeding & Delamination (ASTM C1224)	No Bleeding or Delamination	No Bleeding or Delamination	No Bleeding or Delamination	No Bleeding or Delamination
Emissivity (ASTM C1371)	0.05	0.05	0.05	0.05
Reflectivity (ASTM E903)	0.95	0.95	0.95	0.95
Hot Surface Performance (ASTM C411)	-50°F to 250°F	-50°F to 250°F	-50°F to 250°F	-50°F to 250°F
UV Exposure (ASTM G155)	90% Retention after 4k hrs	90% Retention after 4k hrs	90% Retention after 4k hrs	90% Retention after 4k hrs
FLAMMABILITY				
In accordance with E2599 (ASTM E84)	CLASS A	CLASS A	CLASS A	CLASS A
Flame Spread (ASTM E84)	0	0	0	0
Smoke Developed (ASTM E84)	<50	<50	<50	<50
NFPA 286 Fire Rating - Full Room	CLASS A	CLASS A	CLASS A	CLASS A
STRENGTH				
Tensile Strength MD (ASTM D638)	265.4 lb _f /in ²	94.3 lb _f /in ²	265.4 lb _f /in ²	94.3 lb _f /in ²
Tensile Strength TD (ASTM D638)	234.4 lb _f /in ²	93.0 lb _f /in ²	234.4 lb _f /in ²	93.0 lb _f /in ²
Tensile Strength MD (ASTM D2261)	1.91 lb _f /in ²	5.0 lb _f /in ²	1.91 lb _f /in ²	5.0 lb _f /in ²
Tensile Strength TD (ASTM D2261)	2.23 lb _f /in ²	6.0 lb _f /in ²	2.23 lb _f /in ²	6.0 lb _f /in ²
Compression Strength @25% (ASTM C165)	0.28 lb _f /in ²	0.53 lb _f /in ²	0.28 lb _f /in ²	0.53 lb _f /in ²
Thickness	3/16"	3/8"	3/16"	3/8"



www.BayInsulation.com