

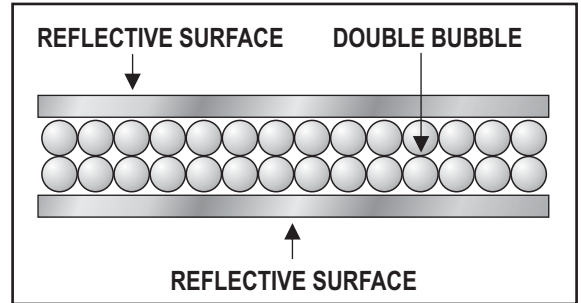
REFLECTIVE DUCT INSULATION

TECHNICAL DATA

Product Description:

rFOIL™ Reflective Duct Insulation is a double layer of polyethylene bubbles sandwiched between two layers of highly reflective surfaces. This product has on it, a code certification strip that identifies the brand name and pertinent testing information for duct applications; This inspector-friendly tape means no hassles at the jobsite, and peace of mind for installers.

Coverttech has developed and tested two methods of installation that will yield thermal resistance of R-4.2 and R-6.0. All products within 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 | 36" X 50' | 48" X 50' | 48" X 100' | 48" X 125' |
| Part No. | 2290-36-050 | 2290-48-050 | 2290-48-100 | 2290-48-125 |

Features:

- Approvals: T24 CA-T354 (CN)
- Approved vapor barrier protection
- Inhibits condensation, mould and fungi growth
- Non-Toxic / Non-Carcinogenic
- Thermal performance unaffected by moisture

Applications:

- Duct Insulation without spacers (R-4.2)
- Duct Insulation with bubble spacers (R-6.0)

| Physical Properties | Test | Value |
|--------------------------------|-----------------|---|
| NOMINAL THICKNESS | — | 5/16" |
| WEIGHT | — | 1.25 oz / sq. ft. |
| TEMPERATURE RANGE | ASTM C411 | -50°F to 180°F |
| FIRE RATING | ASTM E84-09 | CLASS 1 / CLASS A |
| | CAN/ULC-S102-10 | FLAME SPREAD = 0 / SMOKE DEVELOPED = 10 |
| THERMAL RESISTANCE | ASTM C335 | R-4.2 (without spacers) |
| | | R-6.0 (with bubble spacers) |
| EMISSIVITY | ASTM C1371 | 0.04 |
| REFLECTIVITY | ASTM E903 | 0.96 |
| WATER VAPOR PERMEABILITY | ASTM E96 | <0.02 Perms |
| RESISTANCE TO FUNGI & BACTERIA | ASTM C1338 | DOES NOT PROMOTE GROWTH |
| FIRE RATING - FULL ROOM BURN | NFPA 286 | PASSES |

Verified by



REFLECTIVE INSULATION MANUFACTURERS ASSOCIATION
US-006-10

PATENTS

| | | |
|--------------------------|--------------------------|---------------------------|
| US Patent No.: 8,221,871 | US Patent No.: 7,935,410 | CDN Patent No.: 2,554,754 |
| US Patent No.: 8,327,601 | US Patent No.: 7,935,411 | CDN Patent No.: 2,591,589 |
| US Patent No.: 8,343,614 | | |



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