

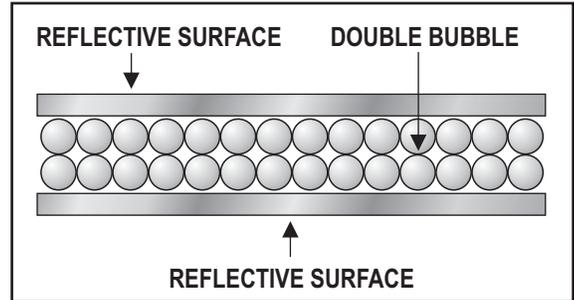
REFLECTIVE DUCT INSULATION

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



PATENTS

US Patent No.: 8,221,871
 US Patent No.: 8,327,601
 US Patent No.: 8,343,614

US Patent No.: 7,935,410
 US Patent No.: 7,935,411

CDN Patent No.: 2,554,754
 CDN Patent No.: 2,591,589



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