

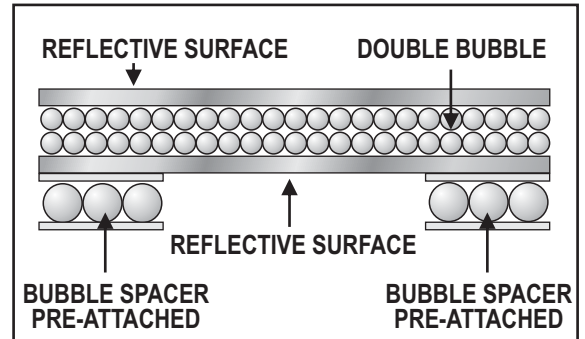
BIG-6 REFLECTIVE DUCT INSULATION

TECHNICAL DATA

Product Description:

rFOIL™ Big-6 Reflective Duct Insulation is a double layers of polyethylene bubbles sandwiched between two highly reflective surfaces. 2-inches wide by ½ inch thick spacer strips are attached to one side of the material (every 2 ft) creating the necessary air space that is required to provide the thermal properties for the R-6 value. 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 hassle at the jobsite and peace of mind for installers.

The Big-6 Reflective Duct Insulation has been tested to an R-6 and is 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 75'
Part No.	2260-48-075

Features:

- R-Value 6
- Approved vapor barrier protection
- Inhibits condensation, mould and fungi growth
- Improves HVAC system efficiency
- No foam corner spacers needed
- Thermal performance unaffected by moisture
- Non-Toxic / Non-Carcinogenic

Applications:

- Duct Insulation (spacers attached to material) (R-6)

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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Published: June 30, 2013