

BIG-8 REFLECTIVE DUCT INSULATION

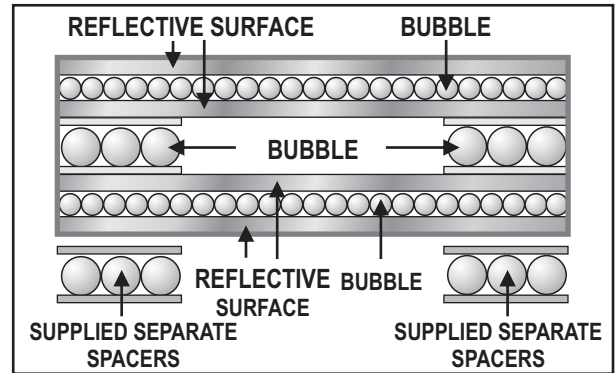
TECHNICAL DATA

Product Description:

rFOIL® BIG-8 Reflective Duct Insulation consists of two layers of thick polyethylene bubble pack reflective insulation connected by 2-inch wide spacers.

Install the separate set of 2" Spacer Strips (included with the BIG-8 product) around the perimeter of the duct at every 2ft interval followed by wrapping the BIG-8 over the spacers. 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.

The Big-8 Reflective Duct Insulation has been tested to an R-8 and is classified as Class 1/Class A in accordance with the ASTM E84 fire test standard. The product was mounted in accordance to ASTM-E2599.



Stock Sizes Available (Rolls):

Size	48" X 50'
Part No.	2280-48-050

**BIG-8 is now ICC-ES listed (ESL-1044)
(ICC-ES Evaluation Report ESR-1236)**

Features:

- R-Value 8 (with Spacer Strips)
- 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

Physical Properties	Test	Value
THERMAL RESISTANCE	ASTM C335	R-8 with BUBBLE SPACERS
TEMPERATURE RANGE	ASTM C411	-50°F to 180°F
FIRE RATING	ASTM E84-10	CLASS 1 / CLASS A
	CAN/ULC-S102-10	FLAME SPREAD = 15 SMOKE DEVELOPED = 50
EMISSIVITY	ASTM C1371	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.029 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1338-08	DOES NOT PROMOTE GROWTH
BLEEDING and DELAMINATION	ASTM C1224-03	NO BLEEDING or DELAMINATION
PLIABILITY	ASTM C1224-03	NO CRACKING
TEMPERATURE and HUMIDITY RESISTANCE	ASTM C1258	Evidence of Delamination - NONE
		Evidence of Corrosion - NONE
		Loss of Metallization - MINIMAL
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES



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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