

Foil-Bubble (SB) & (DB) Radiant Barrier Data Sheet

Applications

- In side walls
- Metal Buildings
- Pipe and Duct wrap
- HVAC



Specifications

- Double sided foil with single bubble (SB) or double bubble (DB) pack
- Application Temperature: -60°F to 180°F
- Puncture Resistance : 60 lb/in
- Tensile Strength: 19 lbs
- Nominal Thickness (SB): 3/16", (DB): 5/16"
- Water Vapor Permeability: 0.000 (ASTM E96 / ONCG 51.33)
- Flame Spread (SB):0, (DB):0 (ASTM Test Method E84-2599-08)
- Smoke Development (SB):20, (DB):25 (ASTM Test Method E84-2599-08)
- Fire Rating (SB and DB): Class A / Class 1
- Thermal Emissivity (SB and DB): 0.03 (reflects 97% of Infrared Energy)
- Size (SB):48" x 125 ft, (DB):16", 24" x 125 ft and 48" x 75 ft
- Mold and Mildew: No Growth
- Linear Shrinkage: None

Thermal R-Values (Determined according to ASTM C236 standard)

Direction of Heat Flow	Single Bubble (SB)	Double Bubble (DB)
Down	14.1	14.6
Up	4.9	5.4
Horizontal	6.2	6.7