

## AIR-TAC BUBBLE-FOIL BB138-170

### FIRE RETARDANT GRADE

Single-Sided Single Layer Air Bubble Reflective Radiant Barrier Foil

#### PRODUCT DESCRIPTION

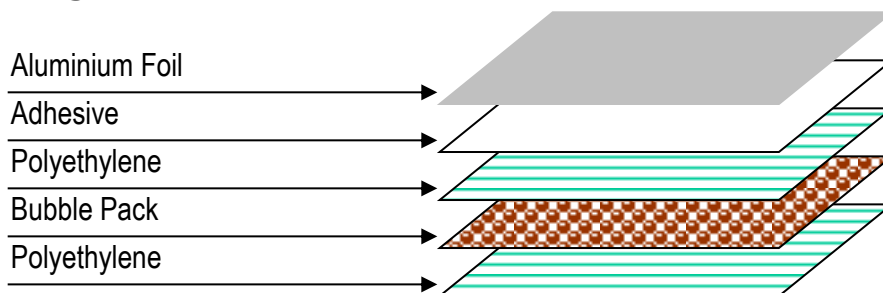
**BB138-170** is a five (5) layer single-sided fire retardant grade (Class 1) radiant barrier. It reflects >97% of radiant heat and acts as a sound insulation achieving the sound transmission class 5 (STC5) in accordance to ASTM E90-90. It is a laminate of high density polyethylene air bubbles with single sided pure aluminium foil.

**BB138-170** is highly recommended to be used without other mass insulation. It is designed for greater tensile strength and puncture resistance as a insulation as its retention air layer provides a unique dual properties ie. reflective and conductive insulation. It is durable, fibre free, non toxic, resistance to fungus, insects, nesting rodents and pest.

#### APPLICATIONS

It is widely used under roof for food industry, farm house, agricultural storage and poultry building.

#### TECHNICAL DATA SHEET



Properties	Standard	Units	Value BB 138
Grammage	Electronic Scale	GSM	180 – 200
Thickness	Digital Caliper	mm	3.3 – 3.6
Tensile Strength – MD	ASTM D882 – 02	N/25mm	40 – 45
– CD	ASTM D882 – 02	N/25mm	45 – 50
Initial Tear Strength – MD	ASTM D1004	N	16 – 18
– CD	ASTM D1004	N	16 – 18
Elongation – MD	ASTM D882 – 02	%	60 – 70
– CD	ASTM D882 – 02	%	47 – 57
Puncture Resistance	ASTM F1306	N	25 – 30
Water Vapour Transmission	ASTM F1249 – 06	g/m <sup>2</sup> /day	883 – 1200
Radiant Heat Reflectivity	Supplier's Specification	%	95
Surface Spread of Flame	BS476: Part 7 – 1997	Class	1

Technical information provided represents average result of tests conducted under standard procedure and are subject to variation. No guarantee can be made regarding specific applications or patent rights.

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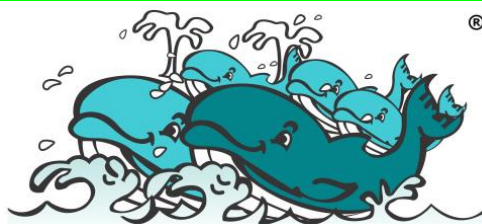
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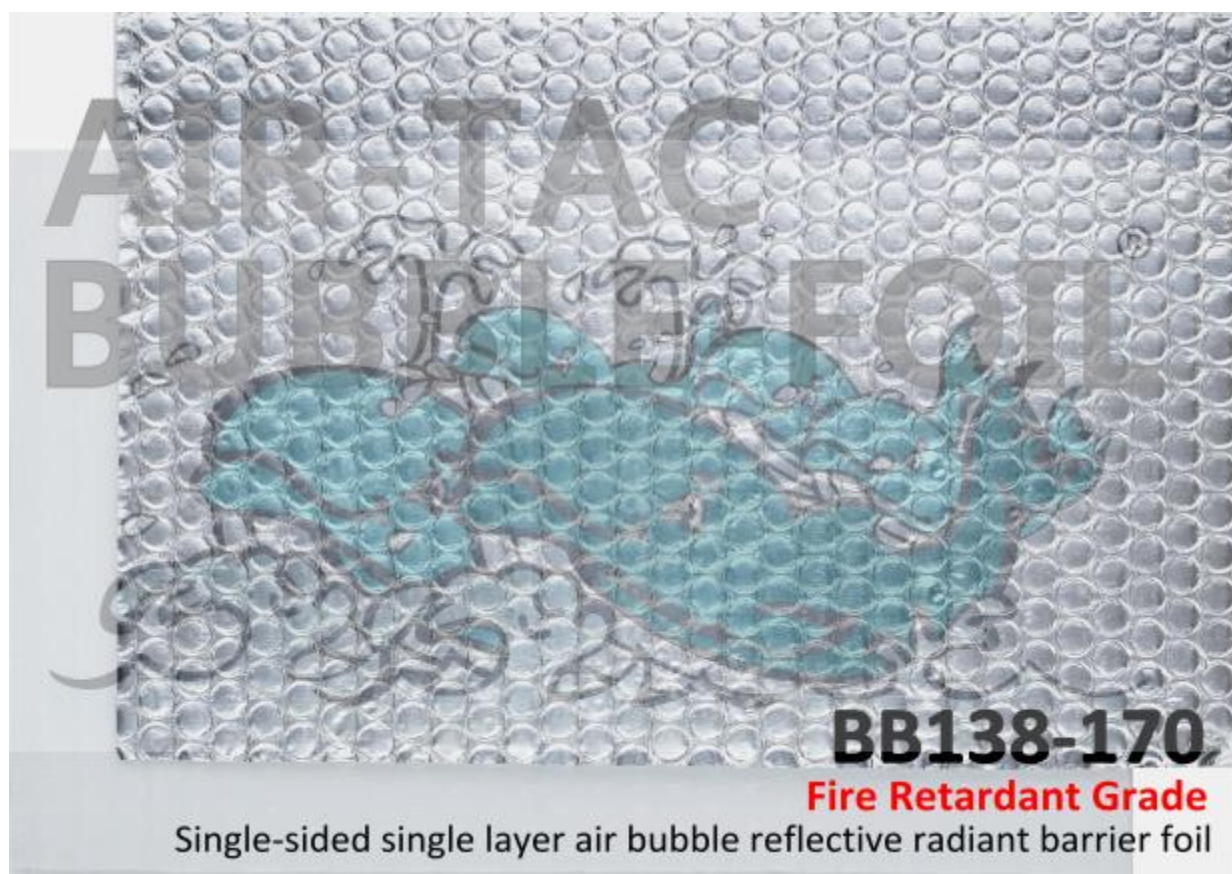


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**PRODUCT PHOTO**



**ADDITIONAL CERTIFICATION**



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