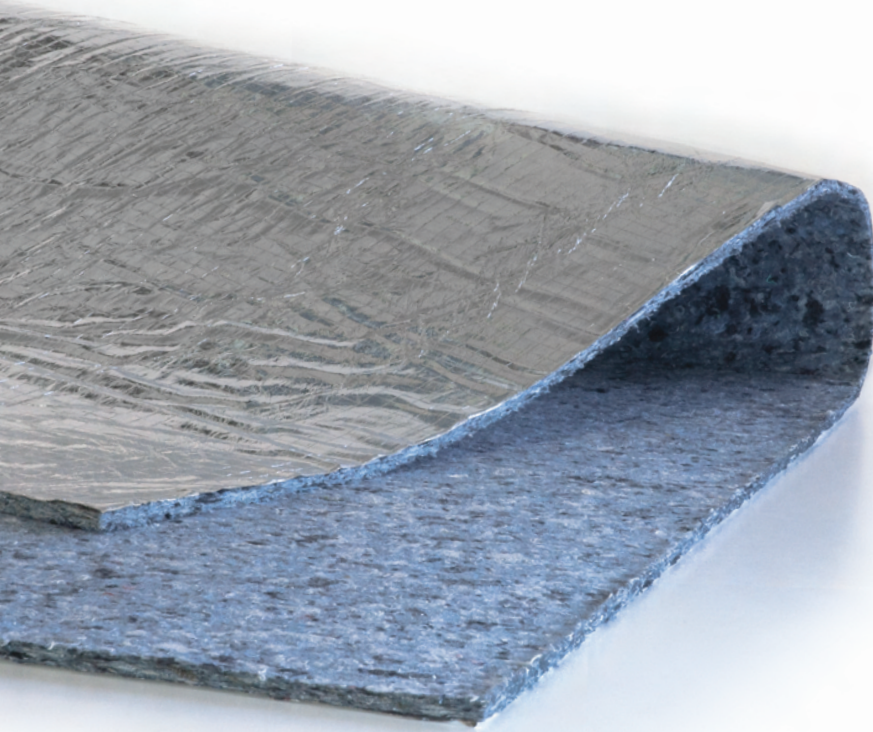


UltraTouch

Natural Cotton Radiant Barrier



ULTRATOUCH™ Natural-Cotton Radiant Barrier brings unmatched thermal and acoustic properties together into an environmentally-friendly reflective insulation product.

For over 25 years, Bonded Logic, Inc. has been the industry leader in the manufacture of natural cotton-fiber insulation. Made from recycled denim and cotton fibers, UltraTouch Natural Cotton Radiant Barrier brings superior Fire, Fungal, and Corrosive resistance to an insulation product that's free of harmful fiberglass and formaldehyde. UltraTouch is completely safe to handle and can be installed without use of protective clothing, gloves, or masks. UltraTouch is safe for you and the environment!

The pure 99.5% aluminum barrier used on UltraTouch Radiant Barrier provides exceptional insulation from radiant heat transfer, moisture, and airflow.

UltraTouch Radiant is extremely versatile and can be used in many automotive applications as well as in residential, commercial and prefabricated structures.

- SUPERIOR ACOUSTIC PERFORMANCE**
- EXCELLENT THERMAL PROPERTIES**
- CLASS-A FIRE RATED**
- REDUCES HEATING/COOLING COSTS**
- NO FIBERGLASS/FORMALDEHYDE**
- NO-ITCH OR SKIN IRRITATION**
- DURABLE ALUMINUM FOIL LINER**
- NATURAL COTTON-DENIM PADDING**
- ENVIRONMENTALLY SAFE**
- EASY TO HANDLE AND INSTALL**



RESIDENTIAL

- Ceilings and Walls
- Roofs and Attics
- Water Heaters
- Bathrooms and Kitchens
- Home Theaters
- Entertainment/Family Rooms



CARS & TRUCKS

- Engine Compartments
- Headliner and Floorboards
- Firewalls
- Sleeper Compartments
- Interior Cavities
- Refrigeration Units



RVs & BUSES

- Engine Covers
- Generator Compartments
- Ceilings and Walls
- Firewalls
- Floorboards
- Dog Houses

PHYSICAL PROPERTIES

PROPERTIES	PERFORMANCE	TEST METHOD
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread 10 (Class I) Smoke Developed 20 (Class I)	ASTM E-84 UL 723
Zero Surface Burn Rate	Exceeds Standard (Less than 1/5 in./min.)	FMVSS 302
Facing	99% Pure Aluminum Reinforced Foil	—
Foil Emissivity	.03	ASTM E-408
Foil Reflectivity	97%	ASTM E-408
Tensile Tear Strength	100 lbs.	—
Pad Weight	3 oz. /sq. ft.	—

THERMAL TECHNICAL DATA

DIRECTION OF HEAT FLOW	R-VALUE
Up	7.85
Down	16.39
Horizontal	9.91
R-Value per inch	3.91

TESTED IN ACCORDANCE WITH ASTM C-177 AND ASTM C-518.
HIGHER R-VALUES EQUAL GREATER INSULATING PERFORMANCE.



UltraTouch Radiant is available in 4'x6' sheets or in rolls

ACOUSTICAL PERFORMANCE

ABSORPTION COEFFICIENTS @ OCTAVE BAND FREQUENCIES (Hz)							
ULTRATOUCH RADIANT	125	250	500	1000	2000	4000	NRC
3/8" Pad	.12	.10	.23	.56	.81	.89	.45

TESTED IN ACCORDANCE WITH ASTM C-423 USING A TYPE A MOUNTING PER ASTM E-795.

AVAILABLE SIZES

PRODUCT #	FOIL SIDES	LENGTH		WIDTH		THICKNESS		SQUARE FOOTAGE		WEIGHT	
		Feet	(mm)	Feet	(m)	Inch	(mm)	Feet	(m)	Lbs.	(kg)
30000-11406	1	6	1.8	4	1.2	3/8	9.5	24	7.3	6	2.7
30000-12406	2	6	1.8	4	1.2	3/8	9.5	24	7.3	8	3.6
30000-11424	1	24	7.3	4	1.2	3/8	9.5	96	8.9	16	7.3
30000-11475	1	75	13.7	4	1.2	3/8	9.5	300	9.1	65	29.5
30000-12475	2	75	13.7	4	1.2	3/8	9.5	300	9.1	75	34



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