

UltraTouch

Natural Cotton Radiant Barrier



Description

UltraTouch™ Natural Cotton Radiant Barrier is a lightweight, foil faced, fire retardant blanket-type insulation with multiple uses. UltraTouch offers excellent thermal and acoustical performance and carries a Class-A fire rating.

Made from durable natural fibers, UltraTouch contains no fiberglass and does not itch or cause skin irritation. The fibers used to manufacture UltraTouch offer excellent sound absorption properties and every fiber used is individually treated with an EPA registered anti-microbial agent that offers excellent protection from mold, mildew, fungi, and pests as well as fire resistance.

The UltraTouch pure aluminum barrier reflects unwanted radiant heat and offers excellent protection from air currents, moisture, and vapors.

Uses

Use UltraTouch wherever unwanted heat or noise control is necessary.

Product Features

- Excellent Noise Absorption
- Reduces Unwanted Heat
- No Itch or Skin Irritation
- Resists Microbial Growth
- Easy To Handle & Install
- Durable & Long-Lasting



24053 S. Arizona Avenue
Suite 151
Chandler, AZ 85248
(480) 812-9114
(480) 812-9633 fax
www.BondedLogic.com

Physical Properties		
PROPERTIES	PERFORMANCE	TEST METHOD
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread 10 (Class 1) Smoke Developed 20 (Class 1)	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./s.f.	

Thermal Technical Data	
Tested in accordance with ASTM C 177 and ASTM C 518	
DIRECTION OF HEAT FLOW	R-VALUE
UP	7.85
DOWN	16.39
HORIZONTAL	9.91
R-VALUE PER INCH	3.91

* The higher the R-Value, the greater the insulating power.

Acoustical Performance							
Sound Absorption was tested in accordance with ASTM C 423 using a Type A mounting per ASTM E 795.							
PRODUCT	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

Available Sizes											
PRODUCT	FOIL SIDES	LENGTH		WIDTH		THICKNESS		SQ. FT./ BUNDLE		WEIGHT	
		Ft.	(mm)	Ft.	(mm)	Inch	(mm)	Ft.	(mm)	Lbs.	(kg)
30000-11406	Single	6	1.8	4	1.2	3/8	9.5	24	7.3	6	2.7
30000-12406	Dual	6	1.8	4	1.2	3/8	9.5	24	7.3	8	3.6
30000-11424	Single	24	7.3	4	1.2	3/8	9.5	96	8.9	16	7.3
30000-11475	Single	75	13.7	4	1.2	3/8	9.5	300	91	65	29.5
30000-12475	Dual	75	13.7	4	1.2	3/8	9.5	300	91	75	34