

Exact-O-Kote®
HVAC Equipment Liner

Description

Exact-O-Kote Equipment Liner is a black flexible fiber glass insulation with a durable black acrylic coating. The coating contains an EPA-registered immobilized antimicrobial agent which effectively resists the growth of bacteria and fungi as proven by tests in accordance with ASTM G21 and G22.

Applications

Based on its design and physical characteristics, Exact-O-Kote is recommended specifically for use as a thermal and acoustical control liner in air conditioning, heating, and ventilating equipment.

Although Exact-O-Kote was developed as a liner for HVAC equipment, it is also suited for other equipment applications requiring effective thermal and acoustical control, microbial growth resistance, low air friction, damage resistance, and an attractive appearance

Available Forms

Exact-O-Kote liner is available in various densities and thicknesses, lengths, and widths as specified. It is furnished with a black fiber glass core and black acrylic coating.

Custom Fabrication

The Johns Manville nationwide network of Approved Fabricators specializes in secondary processing to supply custom parts to meet specific customer requirements. Die-cutting, laminating, special packaging and just-in-time delivery are just a few of the multiple capabilities our fabricators can provide.



Applications

- Air Conditioners
- Furnaces
- Other HVAC Equipment

Properties

- Excellent Air-Erosion Resistance
- High Thermal Performance
- Excellent Acoustical Performance
- Microbial Growth Resistance
- Ease of Handling
- Ease of Fabrication

Specifications

Temperature Limit	250°F (121°C)
Fire Hazard Classification (FHC)	25/50 (per ASTM E 84 and UL 723 and CAN/ULC S102-M88). Labels supplied when requested on order. Meets NFPA 90A and 90B.
Maximum Air Velocity	5,000 fpm (25.4 m/sec). Exact-O-Kote is tested at two and one-half times (12,500 fpm) (63.5 m/sec) the maximum recommended service velocity. It meets the requirements of UL 181.
ASTM C 1071	Exact-O-Kote has been tested and conforms to the physical properties and requirements of ASTM C 1071.

Standard Thicknesses and Densities

Density	Available Thicknesses		Available Roll Widths	
	pcf	kg/m ³	in.	mm
2.0	32	½	13	24 - 96 610 - 2,438
1.5	24	1	25	24 - 96 610 - 2,438
1.3	21	2	51	24 - 96 610 - 2,438

Minimum width of a single roll is 24" (610 mm). Standard Roll Length is 100' + 2' (30 m + 0.6 m) (all thicknesses). The exception is 1.3 pcf (21 kg/m³) density, 2" (51 mm) thick, 50' + 1" (15 m + 0.3 m).

Thermal Conductivity (k) Per ASTM C 518

Density	75°F (24°C) Mean Temp.			
	pcf	kg/m ³	Btu•in/(hr•ft ² •°F)	W/m•°C
2.0	32	0.24	.035	
1.5	24	0.25	.036	
1.3	21	0.26	.037	

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Acoustical Performance

Type "A" Mounting Sound Absorption Coefficients*

Density		Thicknesses		Frequency (Hz)						
pcf	kg/m ³	in.	mm	125	250	500	1000	2000	4000	NRC**
2.0	32	½	13	0.04	0.18	0.43	0.69	0.89	1.02	0.55
1.5	24	1	25	0.09	0.29	0.67	0.89	1.03	0.99	0.70
1.3	21	2	51	0.23	0.73	1.05	1.13	1.06	1.07	1.00

* Tested in accordance with ASTM C 423-84a and ASTM E 795-83

** Noise Reduction Coefficient



717 17th St.
Denver, CO 80202
(800) 654-3103
specJM.com

North American Sales Offices, Insulation Systems

Eastern Region
P.O. Box 158
Defiance, OH 43512
(800) 334-2399
Fax: (419) 784-7866

Western Region & Canada
P.O. Box 5108
Denver, CO 80217
(800) 368-4431
Fax: (303) 978-4661

The physical and chemical properties of Exact-O-Kote® Insulation listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by this or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you to assure current information. **All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions including Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions, Limited Warranty and Limitation of Remedy, and information on other Johns Manville thermal insulations and systems, call (800) 654-3103.**