



## CM-24/CM-26

### HVAC Equipment Liners

#### CM-24/CM-26 Fiber Glass Equipment Insulations

are cost effective, lightweight, and highly resilient blanket-type thermal and acoustical insulations, made from flame-attenuated glass fibers bonded with a thermosetting resin.

#### Appliance and Equipment Applications.

CM-24/CM-26 insulations are used in a variety of appliance, equipment, and office furniture applications which require high thermal and acoustical efficiency in a minimal space. Ease of fabrication, high tensile strength and resilience, lightweight, and resistance to vibration and shakedown are additional qualities.

**Advantages of Using CM-24/CM-26.** The borosilicate glass fibers that make up CM-24 and CM-26 are incombustible and non-hygroscopic. They do not support fungi or vermin and are unaffected by oil, grease and most acids.

The high tensile strength inherent in CM-24/CM-26 blankets help the product resist damage during application.

Because of their resiliency and flexibility, these blankets resist settling, breakdown, sagging from vibration, and damage from impact. They form easily around corners and curved surfaces and are readily cut in die-cut presses or with a knife.

CM-24/CM-26 are compression packaged (VacPac) to significantly reduce volume. The result is potential savings in both freight costs and storage.

The countless air spaces in CM-24/CM-26 create effective sound absorption as well as thermal properties. Perceived noise from air movement and mechanical equipment is noticeably reduced.

**Available Forms.** CM-24/CM-26 are available in a variety of thicknesses, widths, and roll lengths.

**Custom Fabrication.** In addition, a Johns Manville Approved Fabricator can develop and apply custom facings and fabricate to meet your specific service conditions and performance requirements.



#### Applications:

- HVAC Equipment
- Acoustical Panels/Partitions
- Pipe Wrap Kits
- Appliances
- Other

#### Insulation Properties:

- High Thermal Efficiency
- High Acoustical Performance
- High Tensile Strength
- Uniform Density Distribution
- Ease of Handling

# CM-24/CM-26

## HVAC Equipment Liners

### Specifications

#### ■ Type:

Blanket-Type Insulation/Equipment Liner

#### ■ Temperature Limit:

Plain 350° F (177° C)  
Coated 250° F (121° C)

#### ■ Fire Hazard Classification:

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:

1,800 fpm (Coated CM-26 only) Coated CM-26 is tested at two and one-half times (4,500 fpm) the maximum recommended service velocity. It meets the erosion requirements of UL 181.

#### ■ Fabricated Products:

Johns Manville CM-24/CM-26 Fiber Glass Equipment Insulations are manufactured to specific customer width requirements (135 - 144 inches, 3429 - 3658 mm). Contact your Johns Manville sales representative for limitations. Die-cut or fabricated pieces are generally supplied by one of the Johns Manville strategically located fabricators which is specifically equipped to provide prompt service to manufacturers in their area.

#### ■ For Information

Write Johns Manville Product Information Center, P.O. Box 5108, Denver, Colorado 80217-5108, or call toll-free 1-800-654-3103 (outside Colorado); (303) 978-4900 (inside Colorado).

#### ■ Limited Warranty

All Johns Manville products are sold subject to Johns Manville's Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy, write to:

Johns Manville Product Information Center  
P.O. Box 5108  
Denver, CO 80217-5108

or call toll free: 1-800-654-3103 or contact your local Johns Manville sales representative.

### Density

	Thicknesses		pcf	kg/m <sup>3</sup>
	inches	mm		
CM-26	1/2 - 2	13 - 51	1.0	16
CM-26	1/2	13	1.3	20.8
CM-24	1/2, 1	13, 25	1.5	24

### Available Thicknesses

	pcf	inches	mm
CM-26	1.0	1/2, 5/8, 3/4, 1, 1 1/8, 1 1/2, 2	13, 16, 19, 25, 29, 38, 51
CM-26	1.3	1/2	13
CM-24	1.5	1/2, 1	13, 25

### Thermal Conductivity (k)\*

	pcf	Mean Temp. @ 75° F (23° C)	
		Btu•in./hr. •ft. <sup>2</sup> •F	W/mK
CM-26	1.0	0.26	0.038
CM-26	1.3	0.25	0.036
CM-24	1.5	0.24	0.035

### Acoustical Performance

Type "A" Mounting Sound Absorption Coefficients\*

	pcf	Thicknesses		Frequency (Hz)						
		inches	mm	125	250	500	1000	2000	4000	NRC**
CM-26	1.00	1	25	0.08	0.34	0.59	0.75	0.86	0.81	0.65
CM-26	1.00	2	51	0.23	0.58	0.91	0.97	0.98	1.03	0.85
CM-24	1.50	1/2	13	0.06	0.16	0.39	0.62	0.75	0.77	0.50
CM-24	1.50	1	25	0.09	0.32	0.65	0.87	0.95	1.00	0.70

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

\*\* Noise Reduction Coefficient



## Johns Manville

### Johns Manville Performance Materials

P.O. Box 5108  
Denver, CO 80217-5108  
Internet: www.jm.com

The physical and chemical properties of Johns Manville CM-24/CM-26 represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. Check with your Johns Manville representative to obtain current information.