Johns Manville
A Berkshire Hathaway Company

OEM INSULATION

MICROMAT® RX

HVAC EQUIPMENT LINER

DATA SHEET

DESCRIPTION

Micromat® RX is a flexible fiberglass equipment liner with a durable mat facing and an acrylic coating that contains and EPA-registered immobilized antimicrobial agent.

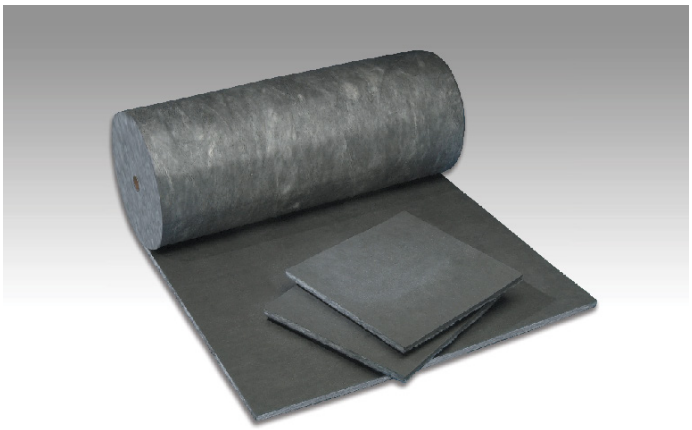
The antimicrobial agent resists the growth of bacteria and fungi. The tough acrylic coating makes Micromat Rx resistant to damage and a more practical and cost-effective alternative to double-wall construction. It can be easily cut to any size or shape with a knife, steel rule die, or shears. Micromat RX can be firmly bonded to metals, plastics and other materials with commercial adhesives or mechanical fasteners.

AVAILABLE FORMS

Density (pcf)	Thickness	Width
1.5	½"	48" - 96" in ½" increments and combination of widths must equal between 135" - 144"
	¾"	
	1"	
2.0	½"	
	¾"	
	1"	

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.



SPECIFICATIONS

Temperature Limit	250°F (121°C)
Fire Hazard Classification ASTM E84, UL 723, and CAN/ ULC S102, Meets NFPA 90A and 90B	25 Flame Spread 50 Smoke Developed
Maximum Air Velocity	ASTM C1071 5,000 fpm (25.4 m/sec)
Resistance to Microbial Growth	Meets ASTM C1338, G21 and G22
ASTM C553	Water Absorption

Resistance to Damage: The tough coating system makes Micromat RX resistant to damage that can occur during handling, fabrication, installation and maintenance.

Cleanability: The tough acrylic coating can handle the abuse of maintenance and cleaning practices listed by NAIMA (North American Insulation Manufacturers Association).

APPLICATIONS

- Furnaces Commercial & Residential
- Air Conditioners
- Mixing Boxes
- Fan Coils

ADVANTAGES

- Good Thermal Efficiency
- Acoustical Performance
- Antimicrobial Coating
- Easy to Handle and Install
- Uniform Density Distribution
- Good resistance to Air Erosion

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

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THERMAL PERFORMANCE

Density*		Thickness		R-value		Conductance	
pcf	kg/m³	in	mm	(hr•ft²•°F)/Btu	m²•°C/W	Btu/(hr•ft²•°F)	W/m²•°C
1.5	24	1	25	4.2	0.74	0.24	1.36
2.0	32	¾	19	3.2	0.57	0.31	1.77
2.0	32	½	13	2.2	0.38	0.46	2.61

*Density values are nominal. The density is adjusted to meet the specified thermal conductivity. R-value and Conductance are calculated from the material thermal conductivity tested in accordance with ASTM C518 at 75°F (24°C) mean temperature.

ACOUSTICAL PERFORMANCE

Sound Absorption Coefficients (Type "A" Mounting)*

Density		Thickness		Frequency (Hz)						
pcf	kg/m³	in	mm	125	250	500	1000	2000	4000	NRC**
1.5	24	1	25	0.12	0.30	0.63	0.84	0.94	1.00	0.70
2	32	¾	19	0.02	0.19	0.51	0.76	0.94	1.06	0.60
2	32	½	13	0.07	0.20	0.44	0.66	0.84	0.93	0.55

* Tested in accordance with ASTM C423 and ASTM E795.

**Noise reduction coefficient.

Johns Manville

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INSULATION SYSTEMS
OEM INSULATION

OEM CUSTOMER SERVICE
800-426-2435

PRODUCT & TECHNICAL INFORMATION
800-654-3103

10/26/20 (Replaces 08/25/20)