



## Micro-Pak®

Formaldehyde-free Thermal and Acoustical  
Fiber Glass Insulation



### FORMALDEHYDE-FREE

Johns Manville has revolutionized the building insulation industry by introducing an entire line of formaldehyde-free fiber glass building insulation. JM Formaldehyde-free insulation provides the same high-quality thermal and acoustical properties as conventional JM fiber glass – just without the formaldehyde-based binder. Why? Because it's a smart thing to do for our customers and the environment. Formaldehyde has traditionally been used as part of the binder in fiber glass insulation. Although there is no health risk with the traditional product, formaldehyde at higher levels may cause irritation and sensitivity. JM Formaldehyde-free building insulation utilizes an innovative new acrylic binder that eliminates binder-related formaldehyde emissions during manufacturing and, once installed, will not off-gas formaldehyde in the indoor environment. No formaldehyde means fewer things to worry about. Visit us at [www.jm.com](http://www.jm.com) for more information.

### PRODUCT DESCRIPTION

Johns Manville Micro-Pak formaldehyde-free thermal and acoustical fiber glass insulation is made of long, resilient glass fibers bonded with an acrylic thermosetting binder.

### APPLICATIONS

Ideal for applications that require a minimal amount of insulation, like wrapping small pipes, and packing and caulking small gaps or cracks around windows, doors and electrical outlet boxes.

### INSTALLATION

Micro-Pak insulation cuts easily with an ordinary utility knife or scissors to fit smaller insulation applications. Install by simply pressing in place.

### RECOMMENDED STORAGE AND TRANSPORT

Store insulation indoors. Keep insulation clean and dry at all times. When transporting, cover completely with a waterproof tarpaulin as necessary.

### PACKAGING

Micro-Pak packages have handles and are compression-packaged for easy carrying.

### SPECIFICATION COMPLIANCE

CAN/ULC-S702-97, Type I  
CAN/ULC-S102-M88 Flame Spread 25 or less, Smoke Developed 50 or less  
CAN4-S114-M80 Non-combustible  
ULC-S129-95 Smoulder Resistance-Pass  
NBC 1995 Article 9.25.2.2  
CSA A101-M  
CCMC Evaluation Report No. 12276-L

### SHORT FORM SPECIFICATION

All insulation shown on drawings or specified herein shall be "Micro-Pak Formaldehyde-free Thermal and Acoustical Fiber Glass Insulation" as manufactured by Johns Manville. Thermal resistance "R" (RSI) values of the insulation shall be R (RSI) \_\_\_\_\_. The product shall have an FHC rating of 25/50 or less.

### LIMITATIONS OF USE

Check applicable building codes.

### PERFORMANCE ADVANTAGES

- Formaldehyde-free – will not off-gas formaldehyde in the indoor environment.
- Multiple Uses – cuts easily to fit a variety of smaller insulation applications in walls and around windows, doors, air conditioners, outlet boxes and pipes.
- Thermal Efficiency – provides effective resistance to heat transfer with an R-value of R-8 (RSI-1.4).
- Sound Control – reduces transmission of sound through interior walls and floor/ceiling assemblies.
- Fire-resistant and Non-combustible – (see Specification Compliance).
- Non-corrosive – does not accelerate corrosion of pipes, wiring or metal studs.
- Durable – unaffected by moisture, oil, grease and most acids. It will not rot, mildew or otherwise deteriorate.
- Flexible – forms readily around corners and curved surfaces.

## AVAILABLE FORMS\*

Specification Compliance	R-value (hr.ft <sup>2</sup> .°F/Btu)	RSI-value (m <sup>2</sup> .°K/Watts)	Thickness**		Width	
			(in)	(mm)	(in)	(mm)
CAN/ULC-S702-93, Type 1	8	1.4	2½	64	15	381

\* Consult your local sales representative for other available sizes and R-values (RSI-values) or call (403) 227-7100.

\*\* Thickness may vary by producing location. The standard product length is a 48-inch batt.



Contains 50%  
Recycled Bottle Glass

Properly insulating a structure using Johns Manville building insulation helps preserve our environment by reducing energy consumption for heating and cooling, reducing the pollution resulting from fuel burning, reducing the emission of hazardous air pollutants during manufacturing and reducing waste through the utilization of recycled materials.

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of Micro-Pak thermal and acoustical fiber glass 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. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the sales office nearest you for current information. 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 or for information on other Johns Manville thermal and acoustical insulation and systems, call or write to the 800 number or address listed below.



Distributed by:

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