



Microlite® MW and Microlite® MW XG™

Microwave Insulation

Description

Microlite® MW is a lightweight, highly resilient blanket type thermal insulation made of fine, flame-attenuated glass fibers bonded with a thermosetting phenolic resin. It is specifically designed for use in convection microwave ovens.

Microlite® MW XG™ is a lightweight, Formaldehyde-free™ blanket type thermal insulation made of fine, flame-attenuated glass fibers bonded with a thermosetting acrylic resin. It is specifically designed for use in convection microwave ovens where a Formaldehyde-free™ product is desirable.

Colors

Microlite MW – orange
Microlite MW XG – white

Available Forms:

Width: 48" – 72" (1.2 m – 1.8 m)
Standard roll length: 100' (30.5 m)

Packaging:

Rolls are compression packed in a Vac Pak poly tube.

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

Property	Microlite MW and Microlite MW XG
Temperature Limit	500°F (260°C)
Fire Hazard Classification (FHC)	FHC 25/50 per ASTM E 84 Meets NFPA 90A and 90B

Thermal Conductivity (k) Per ASTM C 518

Mean Temperature		Thermal Conductivity (k)	
°F	°C	Btu•in/(hr•ft²•°F)	W/m•°C
75	24	0.23	0.029
100	38	0.24	0.030
200	93	0.29	0.036
400	204	0.44	0.055

Available Densities/Thicknesses:*

Density		Thickness	
pcf	kg/m³	in	mm
1.2	19	3/8	10
1.2	19	1/2	13
1.2	19	5/8	16
1.2	19	3/4	19

* Other densities, thicknesses and roll lengths may be available

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Microwave Insulation



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EI-254 6-09 (New)

Insulation Systems, OEM Insulations

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Western Region & Canada

P.O. Box 625005
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(800) 293-3393
Fax: (800) 741-0183

Technical Information

(800) 458-7198

The physical and chemical properties of Microlite® MW and Microlite® MW XG™ 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 these 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.

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