

**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.

**COLOR**

Microlite MW & MWXG – orange

**PACKAGING**

Rolls are compression packed in a VacPak poly tube.

**STANDARD THICKNESSES AND DENSITIES**

Density		Thickness		Width	
pcf	kg/m <sup>3</sup>	in	mm	in	m
1.2	19	3/8	10	48 - 72	1.2 - 1.8
		1/2	13		
		5/8	16		
		3/4	19		

Standard roll length: 50' (15.2m), 100' (30.5m)

**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	500°F (260°C)
Fire Hazard Classification ASTM E84	25 Flame Spread 50 Smoke Developed
Meets NFPA 90A and 90B	

**APPLICATIONS**

- Convection Microwave Oven

**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



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800-426-2435

**PRODUCT & TECHNICAL  
INFORMATION**

800-654-3103

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. 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. 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.

**All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville thermal insulation and systems, visit [www2.jm.com/terms-conditions](http://www2.jm.com/terms-conditions) or call (800) 654-3103.**