

HVAC INSULATION

MICROLITE[®] UFDW FORMALDEHYDE-FREE™ FIBERGLASS DUCT WRAP

DATA SHEET

DESCRIPTION

Microlite[®] UFDW is a white, Formaldehyde-free[™], highly resilient blanket type insulation. It is a thermal and acoustical fiberglass insulation that can be used in any application where an unfaced insulation may be required, or it can be laminated with an FSK facing for external duct wrap applications. Microlite UFDW is made from rotary-process glass fibers bonded with a thermosetting resin.

ADVANTAGES

Microlite UFDW is offered in a range of densities and thicknesses to optimize thermal and acoustical performance. It is made from rotary-process glass fibers bonded with a thermosetting resin, improving tensile strength and flexibility. The resilient fiberglass blanket is resistant to damage during transportation and fabrication.

USES

Microlite UFDW offers improved tensile strength and flexibility that make it ideal for a multipurpose blanket solution for HVAC applications.

STORAGE

Microlite UFDW should be kept clean and dry during storage, transport, installation, and system operation.

THERMAL CONDUCTIVITY

Туре	Density		K Value 75°F (24°C)	Mean Temp
	PCF	KG/M ³	BTU•in/(hr•ft²•°F)	W/M∙°C
75	.75	12	0.30	0.043
100	1.04	17	0.26	0.037



SPECIFICATION COMPLIANCE					
ASTM	E 84	NFPA	90A and 90B		
CAN/ULC	S102	UL	723		

PERFORMANCE SPECIFICATIONS

Service Temp Max	350°F (177°C)
Corrosivity (ASTM C665)	Does not accelerate
Fire Hazard Classification	25/50 - Labels supplied when re- quested on order
Microbial growth (ASTM C1138)	Does not breed
Surface Burning Characteristics	Max Flame Spread 25 Max Smoke Developed Index 50
Water Sorption (ASTM C1104)	<5% by weight



717 17th St. Denver, C0 80202 1-800-654-3103 WWW.JM.COM

North American Sales Offices, Insulation Systems

Eastern Region & Canada P.O. Box 158 Defiance, OH 43512 (800) 334-2399 Fax: (419) 784-7866

Western Region and Outside North America P.O. Box 5108 Denver, CO 80217 (800) 368-4431

Fax: (303) 978-4661

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 UFDW 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 Regional Sales Office nearest you for current information. 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 or call (800) 654-3103.