



**Johns Manville**

Performance Materials

**Range-Glas**  
formaldehyde-free XG™

**Range-Glas XG™ Insulation** is a white, lightweight formaldehyde-free thermal insulation designed to provide a high thermal insulating efficiency in all types of household and commercial ovens operating at hot-face temperatures up to 1000° F (538° C). It is composed of rotary-process fiber glass bonded with a special thermosetting acrylic resin.

This insulation emits minimal smoke and odor during the cleaning cycle on selfcleaning ranges or the initial broil cycle on standard ranges. Range-Glas XG performs equally well on self-cleaning, continuous-cleaning, standard, and industrial-type ovens. The compressed blankets separate easily when removed from shipping packages.

Range-Glas XG is available in roll form in a vast range of thermal performances, thicknesses, and widths (see back of this sheet). Densities are adjusted to meet thermal conductivity requirements.

**Custom Fabrication.** In addition to standard dimensions, a Johns Manville Approved Fabricator can provide specially cut shapes and pieces to particular customer specifications.



### Applications:

- **Standard Ranges**
- **Self-Cleaning Ovens**
- **Commercial Ovens**

**Specifications**

■ **Temperature Limit:**

1000° F (538° C)

■ **Fire Hazard Classification:**

Range-Glas XG™ meets 25/50 (per ASTM E 84 and UL 723 and CAN/ULC S102 - M88). Labels supplied when requested on order.  
Meets NFPA 90A and 90B.

■ **Fabricated Products:**

Johns Manville Range-Glas XG is available in specific customer width requirements. Die-cut or fabricated pieces are generally supplied by one of the strategically located Johns Manville approved fabricators which are specially equipped to provide prompt service to manufacturers in their area.

■ **For Information**

Write Johns Manville Product Information Center P.O.Box 5108, Denver, Colorado 80217-5108, or call toll-free 1-800-654-3103 (outside Colorado); 303-978-4900 (inside Colorado)

■ **Limited Warranty**

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, write to:

Johns Manville Product  
Information Center  
P.O. Box 5108  
Denver, CO 80217-5108  
or call toll free: 1-800-654-3103 or  
contact your local Johns Manville  
Territory Manager.

**Range-Glas XG - Available Densities/Thickness**

Density		Thickness	
pcf	kg/m <sup>3</sup>	inches	mm
1.02	16	1- 4	25-102
1.26	20	1- 3	25-76
1.76	28	1- 3	25-76
2.00	32	.75- 2	19-51
2.50	40.1	1- 2.5	25-64
3.71	59.3	.75- 2	19-51

**Range-Glas XG - Thermal Conductivity (k) at 75° F mean (Btu•in.(hr. •ft.<sup>2</sup> •°F) W/mK**

Density	(k)	W/mK
1.02 pcf	.26	.037
1.26 pcf	.25	.036
1.76 pcf	.23	.033
2.00 pcf	.23	.033
2.50 pcf	.23	.033
3.71 pcf	.22	.032

