

DESCRIPTION

Zeston® Hi-Lo Temp fiberglass insulation inserts are flexible, pre-cut inserts for PVC pipe fittings. They are sized for each specific PVC fitting and are a lower-cost alternative to preformed or fabricated insulated elbows. The inserts are designed to meet the thermal requirements of ASTM C547 and ASHRAE 90.1.

Zeston Hi-Lo Temp Insulation Inserts are manufactured from rotary-process fiberglass bonded with a Formaldehyde-free™ resin. They are sized to be used in conjunction with JM's Zeston PVC fittings. Zeston Hi-Lo Temp Insulation Inserts are flexible, odorless, and vibration resistant. They can save time and labor during installation and are designed to meet corresponding pipe insulation thermal value. The Zeston Hi-Lo Temp Insulation Inserts are made with a formaldehyde-free binder; however, all fibrous insulation products made with formaldehyde-free binders will exhibit some formaldehyde emissions at temperatures that exceed 450°F.

USES

Zeston Hi-Lo Temp Insulation Inserts are used to insulate PVC fittings in operating temps between 0°F-850°F/-18°C-454°C. JM recommends installing (1) Zeston Hi-Lo Temp Insulation Insert for every 1" of corresponding insulation thickness. The insulation insert may emit minimal smoke and odor during the initial exposure to elevated temperatures. Keep the area well-ventilated during the initial heat-up.

PHYSICAL PROPERTIES

1" thick 1.0 PCF density

Formaldehyde-free™ acrylic binder

Insulation is a white, light-weight, highly resilient, blanket-type thermal insulation manufactured from rotary process fiber glass

Inserts are tabbed on sizes 2-10 and cut all the way through for large-size fitting inserts, to accommodate easy separation and resist tearing

Service Temp. Range (ASTM C411) 0°F - 850°F/-18°C - 454°C

Acid Alkalinity <0.6%

Corrosivity (ASTM C665 & C1617) Pass

Limited Combustibility <3500 BTU/IB

Microbial Growth (ASTM C1338) Pass

Moisture Sorption <5% by weight

Thickness 7.5 - 12

Surface Burning Characteristics (ASTM E84) ≤ 25/50 (flame/smoke)

Compressed Insulation thickness/density

ZESTON® HI-LO TEMP INSULATION INSERTS
FIBERGLASS INSULATION INSERTS

DATA SHEET



717 17th St.
Denver, CO 80202
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 & 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 Zeston Hi-Lo Temp Fiberglass Insulation Inserts 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 www.jm.com/terms-conditions or call (800)654-3103.