

Zeston® 2000 Series Color PVC

Insulated Fitting Covers and Jacketing

Physical Properties of Zeston 2000 Series Color PVC

Property	Value	ASTM Test Method
Specific Gravity	1.48	D792
Tensile Strength at Yield, psi (kPa)	6,000 (41,370)	D638
Elongation at Yield (MD), %	3.0	D638
Tensile Modulus, psi (kPa)	425,000 (2,930,270)	D638
Flexural Strength, psi (kPa)	11,000 (75,850)	D638 (min. 0.125" [3 mm] thick specimen)
Flexural Modulus, psi (kPa)	430,000 (2,964,750)	D790
Electrical Conductance	Non-Conductor	D257
Flame Spread	25 or less (up to 30 mil [0.8mm])	*ASTM E84
Smoke Developed	50 or less (up to 30 mil [0.8 mm])	*ASTM E84
Gardner—SPI Impact, in. lb./mil by Ductile Failure	20 mil (0.5 mm) 1.5 30 mil (0.8 mm) 1.6	D3679 (4 lb. [1.8 kg] weight; 8 lb. [3.6 kg] for 30 mil [0.8 mm])

Chemical resistance data available on request.

*Standard test method for surface burning characteristics of building materials

General Properties of Hi-Lo® Temp Formaldehyde-free™ Fiber Glass Insulation Insert

Thermal conductivity	Mean Temperature		"k"	
	°F	°C	Btu•in/ (hr•ft•°F)	W/m•°C
	75	24	0.23	0.033
	150	66	0.27	0.039
	300	149	0.4	0.058
Temperature limits	0°F to 450°F (-18°C to +232°C)			
Sanitary	Odorless. Will not absorb odors. Provides no food for insects or rodents; will not mildew.			
Vibration resistant	Will not settle or separate.			
Fire safety	Meets most requirements of federal, state and local codes. Accepted for commercial, institutional, industrial and residential projects in all parts of U.S. The fiber glass inserts have E84 25/50 rating and are noncombustible per ASTM E136.			

Specification Compliance

USDA, Agriculture Canada
New York City MEA #7-87
ICBO
SBCCI
BOCA
ASTM D1784, Class 16354-C
L-P-535E,* Composition A, Type II, Grade GU
L-P-1035A,* Composition A, Type II, Grade GU
Canada: CGSB 51-GP-53M
CAN/ULC S 102.2

*Impact strength determined by Gardner-SPI test method rather than Izod, since Gardner is more appropriate for PVC sheeting materials.

Available Colors



North American Sales Offices, Insulation Systems

Eastern Region

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

Western Region and Canada

P.O. Box 5108
Denver, CO 80217
(800) 368-4431
Fax: (303) 978-4661



717 17th St.
Denver, CO 80202
1-800-654-3103
www.JM.com

MECH-254 05/22/17 (Replaces 2/15)

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 2000 Color PVC 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.

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