

Zeston 2000 Series PVC

Insulated Fitting Covers and Jacketing



Operating Temperature Limits: PVC: 0°F to +150°F (-18°C to +66°C)
Insert: 0°F to 450°F (-18°C to +232°C)

Flame Spread: 25 or less (up to 30 mil [0.8 mm])

Smoke Developed: 50 or less (up to 30 mil [0.8 mm])

Grade: Weatherable **Color:** White **Finish:** Gloss

Description

Zeston 2000 PVC fitting covers come in many shapes and sizes with a Hi-Lo® Temp fiber glass insulation insert, all of which fit snugly over a variety of fittings. The insulation and the cover provide insulation, plus a vapor retarder, in a simple, quickly applied system.

Zeston 2000 PVC jacketing is a high-impact, UV-resistant polyvinyl chloride covering designed for bare metal or insulated pipe. Easy to install and maintain, it is white in color to match Zeston 2000 PVC insulated fitting covers. The rugged, pliable PVC jacketing provides an inherent vapor retarder and will withstand water and most chemical and low-solveny washdowns.

Available shapes and sizes

Fitting covers. Shapes available for 45° and 90° (0.8 and 1.6 rad.) short and long radius elbows, tees and valves plus a wide variety of other fittings; flanges, reducers, end caps, soil pipe hubs, traps and mechanical line fittings. IPS sizes from ½" through 24" (13 mm through 610 mm); CT sizes from ⅝" through 6⅞" (16 mm through 156 mm).

Rolls. Zeston PVC jacketing is available in standard thicknesses of 10, 15, 20 and 30 mil (0.3, 0.4, 0.5 and 0.8 mm), and in standard widths as shown below. Non-standard sizes are available on special request.

Thickness		Width		Length		Area	
mil	mm	in.	mm	ft.	m	sq. ft.	m²
10	0.3	35½	902	203	62	600	56
15	0.4	35½	902	135	41	400	37
20	0.5	35½	902	102	31	300	28
20	0.5	48	1219	100	31	400	37
30	0.8	35½	902	67½	21	200	19
30	0.8	48	1219	67½	21	270	25

Cut & Curled. Zeston PVC Cut & Curled jacketing in thicknesses of 20 mil or 30 mil (0.5 mm or 0.8 mm) (30 mil [0.8 mm] recommended for outdoor applications) is available in factory-cut sizes to fit up to 30" (762 mm) O.D. All sections of Zeston PVC Cut & Curled jacketing are 48" (1219 mm) in length and are factory curled to fit snugly.

Applications

For insulating chilled water, hot water, steam and other piping systems in commercial, institutional, industrial construction on indoor or outdoor piping systems. Outdoor covers need not be coated or painted. For use with Micro-Lok® HP fiber glass pipe insulation and a variety of other pipe insulations. The fitting covers, combined with Zeston PVC jacketing and Perma-Weld adhesive form a completely sealed system for USDA and FDA applications in food, beverage, and pharmaceutical facilities. Zeston 2000 PVC jacketing meets the hygiene requirements of USDA and FDA for use in the food processing, beverage and pharmaceutical industries.



Specification compliance

USDA, Agriculture Canada

New York City MEA #7-87

ICBO

SBCCI

BOCA

ASTM D 1784, Class 16354-C

L-P-535E*, Composition A,
Type II, Grade GU

L-P-1035A*, Composition A,
Type II, Grade GU

Canada: CAN/ULC S102-M88

CGSB 51-GP-53M

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

Advantages

Code compliance/fire safety. Meets code requirements of flame spread rating of 25 or less and a smoke developed rating of 50 or less according to ASTM E 84.

Weatherability. When used outdoors, jacketing and fitting covers need not be painted or coated.

Ease of maintenance. The jacketing and fitting covers are easily washed down with soap and water and most commercial cleaners. The ability to be easily cleaned, combined with the non-toxic, odorless and tasteless properties of the material and its attractive appearance, make it especially suitable for food, beverage, and pharmaceutical applications.