

## DESCRIPTION

Made from the same PVC material as the fitting covers, Zeston® jacketing is designed to fit seamlessly over the Zeston fitting covers.

## AVAILABLE SHAPES AND SIZES

**Zeston PVC Roll 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 of 35½ and 48 inches (902 and 1219 mm). Zeston roll jacketing is made from high impact UV-resistant (white only) polyvinyl chloride material designed to provide an inherent vapor retarder and protection to insulated pipes. Color roll jacketing is not recommended for outdoor applications.

**Zeston PVC Cut & Curled™ Jacketing** is available in thicknesses of 20 and 30 mil (0.5 and 0.8 mm). It is available in factory-cut sizes to fit up to 30 inches (762 mm) O.D. All sections of the Zeston PVC Cut & Curled jacketing are 48 inches (1219 mm) in length and are factory curled to the insulation size to fit snugly over longitudinal pipe. Cut & Curled jacketing is available with or without self-sealing lap tape (SSL) on the longitudinal seam. White only Zeston Cut & Curled jacketing contains a UV inhibitor. The 30 mil (0.8mm) thickness is recommended for outdoor applications. Color Cut & Curled jacketing is not recommended for outdoor applications.

## ADVANTAGES

**Exceptional Durability.** The tough, durable Zeston PVC Jacketing resists damage from impact and will withstand humidity, salt water, adverse weather conditions and most industrial fumes. In addition, the jacketing will not support combustion.

## ACOUSTIC PERFORMANCE

When paired with Johns Manville Micro-Lok HP and Micro-Lok HP Ultra pipe insulation, Johns Manville Zeston jacketing provides superior acoustical performance. See page 2 for more details.



## Operating Temperature Limits:

**PVC:** up to 150°F (66°C)

**Flame Spread:** 25 or less

**Smoke Developed:** 50 or less

**Grade:** weatherable

**Color:** white and colors (color for indoor use only)

**Finish:** gloss

**Corrosion Resistance.** Unlike aluminum or most stainless steel jacketing materials, Zeston PVC Jacketing is immune to galvanic or electrolytic corrosion.

**Ease of Maintenance.** The jacketing is easily washed down with soap and water and most commercial cleaners. The ability to be easily cleaned, combined with the nontoxic, odorless and tasteless properties of the material and its attractive appearance, make it especially suitable for food, beverage and pharmaceutical applications.

## SPECIFICATION COMPLIANCE

USDA, Agriculture Canada	L-P-535E,* Composition A, Type II, Grade GU
New York City MEA #7-87	
ICBO	L-P-1035A,* Composition A, Type II, Grade GU
SBCCI	
BOCA	Canada: CAN S102-M88
ASTM D1784, Class 16354-C	CGSB 51-GP-53M

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

**PHYSICAL PROPERTIES**

Property	Value	ASTM Test Method
Specific Gravity	1.48	D792
Tensile Strength at Yield, psi (kPa)	6,000 (41370)	D638
Elongation at Yield (MD), %	3.0	D638
Tensile Modulus, psi (kPa)	470,000 (3,240,650)	D638
Flexural Strength, psi (kPa)	11,600 (79,982)	D638*
Flexural Modulus, psi (kPa)	460,000 (3,171,700)	D790
Flame Spread	25 or less	E84
Smoke Developed	50 or less	E84
Electrical Conductance	Non-Conductor	D257
Gardner - SPI Impact, in. lb/mil by Ductile Failure	10 mil (0.3mm) 1.3 15 mil (0.4mm) 1.4 20 mil (0.5mm) 1.5 30 mil (0.8mm) 1.6	D3679**

Note: Chemical resistance data available on request.

\* min 0.125" (3mm) thick specimen

\*\* 4 lb. [1.8 kg] weight, 8 lb. [3.6 kg] for 30 mil [0.8 mm]

**ACOUSTIC - INSERTION LOSS**

Insertion loss data for Johns Manville pipe insulation acoustic treatments tested per ASTM E1222

Frequency	1-in Micro-Lok HP with Zeston PVC (20 mil)	2-in Micro-Lok HP with Zeston PVC (20 mil)
Hz	dB	dB
315	1	0
400	4	8
500	5	10
630	11	14
800	13	15
1000	19	20
1250	20	22
1600	24	26
2000	27	29
2500	29	30
3150	30	32
4000	29	34
5000	30	34

**ACOUSTIC - TRANSMISSION LOSS**

Transmission loss data and sound transmission class (STC) for Johns Manville pipe insulation acoustic treatments tested per ASTM E90

Frequency	1-in Micro-Lok HP with Zeston PVC (20 mil)	2-in Micro-Lok HP with Zeston PVC (20 mil)	1-in Micro-Lok HP with Zeston PVC (30 mil)	2-in Micro-Lok HP with Zeston PVC (30 mil)
Hz	dB	dB	dB	dB
125	7	8	8	8
250	7	8	9	10
500	11	15	13	18
1000	19	25	22	27
2000	25	32	28	35
4000	29	38	32	40
STC	16	19	19	21



**Johns Manville**  
 717 17th St.  
 Denver, CO 80202  
 (800) 654-3103  
 JM.com

**NORTH AMERICAN SALES OFFICES, INSULATION SYSTEMS**

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 (800) 368-4431  
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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 the product 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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