PVC INSTALLATION ACCESSORIES

for pricing and availability contact Allstate Insulation
888-881-4822 516-932-9171 (fax) E-Mail allstateinsulation@yahoo.com

Description

Zeston installation accessories offer outstanding compatibility and performance in the systems for which they are designed. When used in conjunction with the various Zeston products, they complete a systems package which features ease of installation, uniform appearance, and optimum, long-term insulation and protection.

A complete Zeston system, using components and accessories which are fully integrated, will give you an easy-to-install, professional job which offers peak performance in a neat, uniform installation.

Perma-Weld® solvent welding system adhesive

Perma-Weld solvent welding system adhesive is applied with a standard applicator gun and forms a permanent chemical bond between the PVC members. It takes an initial set in 10 minutes with complete adhesive curing in 8 to 10 hours. Perma-Weld adhesive can be used on 20 and 30 mil (0.5 and 0.8 mm) jacketing and most Zeston 2000/300 PVC insulated fitting covers where a totally sealed system is required, such as in the USDA market. Perma-Weld adhesive is available in one quart (0.95 liter) and one gallon (3.78 liter) containers.

Note: It is recommended that Perma-Weld adhesive be applied at temperatures above 40°F (4°C).

Perma-Weld adhesive applicator

Pump-type gun for application of Perma-Weld adhesive. Holds 6 ounces (177 ml).

Perma-Weld® Thinner

Perma-Weld Thinner is used primarily for clean-up or removal of Perma-Weld Adhesive from applicator guns and equipment. Available in single gallon (3.8 liter) containers or packed six quarts (0.95 liters/container) per case, it should be used sparingly to thin adhesive if necessary.

PVC Z-Tape

Z-Tape was developed to provide excellent adhesion, even when applied during cold or humid weather. It is flexible polyvinyl chloride film, coated with a specially formulated adhesive. Z-Tape is available in thicknesses of 5 mils (0.13 mm) and 10 mils (0.25 mm) and can be applied indoors and outdoors* at temperatures as low as 40˚F (4˚C) to achieve a strong, permanent bond. It has an effective installed temperature range of 0˚F to +150˚F (–18˚C to +66˚C).

Z-Tape has excellent resistance to chemicals, acids, alkali, oils, greases, bacteria, and fungus. It can bridge gaps and cover almost any contour or shape for a complete seal.

* Z-Tape II is recommended for indoor use only.

Specification Data

Property	Z-Tape II*	Z-Tape*
Gauge, mils (mm)	5 ± 0.5 (0.13 ± 0.013)	10 ± 1 (0.25 ± 0.025)
Available color	White	White
Upper temperature limit	+150˚F (+66˚C), constant	+150˚F (+66˚C), constant
Lower temperature limit	0˚F (–18˚C), constant	0˚F (–18˚C), constant
Surface Burning Characteristics per ASTM E 84	Flame spread: 5 Smoke developed: 0	Flame spread: 10 Smoke developed: 0
Adhesion to backing, oz./in. (kg/mm)	14 (0.02)	30 (0.033)
Tensile strength lbs./in. width (kN/m)	15 (2.6)	27 (4.7)
Elongation (%)	150	200
Finish	Smooth	Smooth
Dimensions	Available in 1", 1½" and 2" (25 mm, 38 mm and 51 mm) widths Standard lengths: 108' (33 m)	Available in 1", 1½" and 2" (25 mm, 38 mm and 51 mm) widths Standard lengths: 100' (31 m)
Conforms to MIL-I-7798-C standard packaging	1" (25 mm) size 12 per ctn. 1½" (38 mm) size 8 per ctn. 2" (51 mm) size 6 per ctn.	1" (25 mm) size 12 per ctn. 1½" (38 mm) size 8 per ctn. 2" (51 mm) size 6 per ctn.

* Tests are conducted in accordance with ASTM D 1000. Values indicated are typical.

White, stainless steel thumb tacks

Annular serrated stainless steel thumb tacks, 500 to a box, help speed the installation of Zeston PVC insulated fitting covers on hot work where a vapor retarder is not required.

Zeston® PVC

Installation Accessories

PVC Z-Tape width recommended and approximate number of covers sealed per roll of tape (includes 2″ [51 mm] tape overlap)

Tape width to use in.	Tape width to use mm	Zeston cover size	No. of covers per roll* 90's & 45's	No. of covers per roll* Tees
1	25	1	84	56
		2	80	53
		3	73	49
		4	67	44
		5	61	41
		6	56	38
		7	53	35
		8	48	32
1½	38	9	44	29
		10	40	27
		11	36	24
		12	32	22
		13	30	20
		14	28	19
		15	26	17
		16	24	16
		17	23	15
		18	20	14
		19	18	12
		20	17	11
2	51	21	15	10
		22	14	9
		23	13	9
		24	12	8
		25	11	8
		26	11	7
		27	10	7
		28	10	6
		29	9	6
		30	9	–
		32	8	–

Long radius 90° (1.6 rad.) sizes in.	Long radius 90° (1.6 rad.) sizes mm	No. of covers per roll*
2 x 1	51 x 25	36
2⅝ x 1½	67 x 38	30
3 x ½	76 x 13	36
3 x 1	76 x 25	30
4 x ½	102 x 13	30
4 x 1	102 x 25	26
5 x ½	127 x 13	26
5 x 1	127 x 25	23
6 x ½	152 x 13	23
6 x 1	152 x 25	20
6 x 1½	152 x 38	18
8 x ½	203 x 13	18
8 x 1	203 x 25	17
8 x 1½	203 x 38	15
8 x 2	203 x 51	14
10 x 1	254 x 25	14
10 x 1½	254 x 38	13
10 x 2	254 x 51	12
12 x 1	305 x 25	12
12 x 1½	305 x 38	11
12 x 2	305 x 51	11
12 x 3	305 x 76	10

*Use 2″ (51 mm) tape only.

Long radius 90° (1.6 rad.) sizes in.	Long radius 90° (1.6 rad.) sizes mm	No. of covers per roll*
14 x 1	356 x 25	11
14 x 1½	356 x 38	11
14 x 2	356 x 51	10
14 x 3	356 x 76	9
16 x 1	406 x 25	10
16 x 1½	406 x 38	10
16 x 2	406 x 51	9
16 x 3	406 x 76	8
18 x 1	457 x 25	9
18 x 1½	457 x 38	9
18 x 2	457 x 51	8
18 x 3	457 x 76	8
20 x 1	508 x 25	8
20 x 1½	508 x 38	8
20 x 2	508 x 51	8
20 x 3	508 x 76	7
24 x 1	610 x 25	7
24 x 2	610 x 51	6
24 x 3	610 x 76	6

North American Sales Offices, Performance Materials Division

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

Outside North America
(303) 978-4655
Fax: (303) 978-2627

Johns Manville

Performance Materials Division
P.O. Box 5108
Denver, CO 80217-5108
www.jm.com

The physical and chemical properties of the Zeston® PVC Installation Accessories 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. Numerical flame spread and 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 to assure current information. **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, call the 800 number below.** For information on other Johns Manville thermal insulations and systems and a copy of the Spec-Line® CSI formatted specifications, call **(800) 654-3103.**

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