

PLAINTIFF'S
EXHIBIT
KN-362

BEH
BALDWIN CHRIST-HILL



MONO-KOVER

BALDWIN-EHRET-HILL

MONO-KOVER

ONE-PIECE PIPE INSULATION

EASY TO APPLY



Simply spread each complete section of the roll and slip one end over the pipe. Then back along the MONO-KOVER and it wraps like tape to fit snugly around the pipe. Press the seams together and apply any standard type of finishing tape, staples, nails, bands or a crimp jacket with legs pushed back in place. The natural resilience of MONO-KOVER holds it in place, leaving both hands free for backing. Application takes a minute or less... saves up to 80% in cost.



MONO-KOVER can be applied on almost any pipe and in any position to suit the job.

From tough and resistant to soft and pliable, MONO-KOVER is available in many thicknesses and in many colors. It is the only one-piece insulation that can be applied to any pipe and in any position to suit the job.

EASY TO HANDLE



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Insulation Direct-Hill MONO-KOVER is a feather-weight pipe insulation composed of non-combustible, moisture-resistant mineral fibers, bonded with a polymeric resin and molded into 8 ft. long one-piece sections.

MONO-KOVER is highly flexible and resilient. Provides outstanding resistance to damage from handling during application. Performs well in original shape after being applied to pipe. No peeling, intended for application on standard sizes of pipe for temperatures up to 350°F and, with proper vapor barriers, for low temperature lines down to sub-zero.



Two application steps are accomplished simultaneously when Mono-Kover is applied to any pipe.

AVAILABLE FACINGS

MONO-KOVER is available with the following facings which are applied to the pipe insulation in the last step of the application process. These facings are: ALUMINUM, GALVANIZED STEEL, STAINLESS STEEL, COPPER, BRASS, INCONEL, MONEL, TITANIUM, CARBON STEEL, and many others. The facings are applied to the pipe insulation in the last step of the application process. These facings are: ALUMINUM, GALVANIZED STEEL, STAINLESS STEEL, COPPER, BRASS, INCONEL, MONEL, TITANIUM, CARBON STEEL, and many others. The facings are applied to the pipe insulation in the last step of the application process.

231725

PLEASANT TO HANDLE

This insulation has a smooth, dense surface and is free from loose particles. It can be handled with bare hands without discomfort. Because of the light weight and firm feeling and molding, the sections are easily transported and handled.

NON-CORROSIVE

Containing nothing but mineral fibers and resin binder, there is nothing to contribute to the corrosion of metals such as steel or aluminum.

LOWER APPLIED COST

Because of the light weight, resilience and ease of handling, the cost of application of B-E-H MONO-KOVER is considerably lower than many other forms of pipe insulation.

COMPLIANCE WITH SPECIFICATIONS

Federal Specification.....HH-1-683 Type I, Class A or B
ASTM Specification.....C-281 (for elevated temperatures)
C-300 (for low temperatures)

APPLICATION SPECIFICATIONS

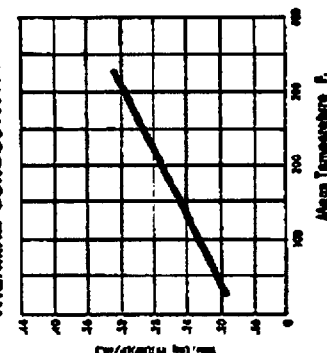
All Pipe Insulation shall be applied over clean, dry surfaces, leaving adjoining sections firmly together and packing seams, when furnished, smoothly over joints.

Insulation on pipes over 12" diameter shall be applied in place on no greater than 12" centers. Where double layer insulation is applied, the first layer shall be applied in place without joints; the second layer shall be applied with all joints staggered.

Flanges, valves and fittings shall be insulated with selected, rated equivalent of Mono-Kover or Fiberglass, equal in thickness to the insulation on adjoining pipe. Fittings on pipe over 3" and smaller may be insulated with B-E-H Super Insulation Insulating Vitrified Cement.

Corrigan and flanges shall be specified according to service conditions. For low temperature service and outdoor use, suitable vapor barriers and sealing compounds shall be applied. (Refer to page 2 for details.)

THERMAL CONDUCTIVITY



231726

Thickness (in.)	Weight (lb./sq. ft.)	Area (sq. ft.)	Volume (cu. ft.)	Weight (lb.)
1/2	1.5	1.0	0.042	1.5
3/4	2.25	1.0	0.063	2.25
1	3.0	1.0	0.083	3.0
1 1/4	3.75	1.0	0.104	3.75
1 1/2	4.5	1.0	0.125	4.5
2	6.0	1.0	0.167	6.0
2 1/2	7.5	1.0	0.208	7.5
3	9.0	1.0	0.250	9.0
3 1/2	10.5	1.0	0.292	10.5
4	12.0	1.0	0.333	12.0
4 1/2	13.5	1.0	0.375	13.5
5	15.0	1.0	0.417	15.0
5 1/2	16.5	1.0	0.458	16.5
6	18.0	1.0	0.500	18.0
6 1/2	19.5	1.0	0.542	19.5
7	21.0	1.0	0.583	21.0
7 1/2	22.5	1.0	0.625	22.5
8	24.0	1.0	0.667	24.0
8 1/2	25.5	1.0	0.708	25.5
9	27.0	1.0	0.750	27.0
9 1/2	28.5	1.0	0.792	28.5
10	30.0	1.0	0.833	30.0
10 1/2	31.5	1.0	0.875	31.5
11	33.0	1.0	0.917	33.0
11 1/2	34.5	1.0	0.958	34.5
12	36.0	1.0	1.000	36.0

All sizes in yellow areas available in 6 foot lengths, selected on request.



BALDWIN-HIBBY-BILL, INC., TRENTON, N.J.

DATA SHEET

Product: Baldwin-Hibby-Bill No. 100 Pipe Insulation, Blanket Type

Description: Long-fibred spun mineral wool formed in flat, rectangular units reinforced on one side with expanded metal lath and held together with metal tie wires extending through to strips of lath on the opposite side. Pieces are 26 inches long and wide enough to completely surround standard pipe sizes when pulled up to a snug fit.

Uses: For insulating heated pipe lines from 2 inch up to and including 30 inch diameter. Easily adapted for steam-traced or any grouping of pipes to be insulated within the same cover, by specifying the proper circumferential dimension.

Features: All temperatures to 1200 F - Single-layer application - High insulating value - Lightweight - Non-combustible - Chemically inert - Specially suited for long, high temperature, transmission lines.

Technical Data:

Temperature Limit, maximum ----- 1200 F

Density, maximum ----- 10 pounds per cubic foot

Length ----- 24 inches per section

Width ----- to suit standard pipe sizes 4" and up

Thicknesses ----- 1, 1-1/2, 2, 2-1/2, 3, 4 inches

Thermal Conductivity

Mean Temp.	"K"
200 F	.34
400 F	.49
600 F	.69

Recommended Thicknesses ----- (See Brochure)

Chemical Analysis (typical) of Wool

SiO ₂	42%
Al ₂ O ₃	12%
CaO	10%
MgO	8%
X ₂ O	8%

Specification: Federal Specification - HI-V-387, Type II, Class C (Obsolete)
Federal Specification - HI-V-356, Type II
ASTM C-428

Packaging: Corrugated boxes - bound with steel strapping. 231728

RECOMMENDED THICKNESSES OF MONO-KOVER

STEAM, WATER, AND LOW PRESSURE STEAM									
PIPE NOMINAL DIAMETER, INCHES (NOMINAL SIZE) (NOMINAL SIZE)									
PIPE WALL THICKNESS, INCHES (NOMINAL SIZE) (NOMINAL SIZE)									
1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
6"	6"	6"	6"	6"	6"	6"	6"	6"	6"
8"	8"	8"	8"	8"	8"	8"	8"	8"	8"
10"	10"	10"	10"	10"	10"	10"	10"	10"	10"
12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
14"	14"	14"	14"	14"	14"	14"	14"	14"	14"
16"	16"	16"	16"	16"	16"	16"	16"	16"	16"
18"	18"	18"	18"	18"	18"	18"	18"	18"	18"
20"	20"	20"	20"	20"	20"	20"	20"	20"	20"
22"	22"	22"	22"	22"	22"	22"	22"	22"	22"
24"	24"	24"	24"	24"	24"	24"	24"	24"	24"
26"	26"	26"	26"	26"	26"	26"	26"	26"	26"
28"	28"	28"	28"	28"	28"	28"	28"	28"	28"
30"	30"	30"	30"	30"	30"	30"	30"	30"	30"

STEAM, WATER, AND LOW PRESSURE STEAM									
PIPE NOMINAL DIAMETER, INCHES (NOMINAL SIZE) (NOMINAL SIZE)									
PIPE WALL THICKNESS, INCHES (NOMINAL SIZE) (NOMINAL SIZE)									
1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
2"	2"	2"	2"	2"	2"	2"	2"	2"	2"
2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"
3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
4"	4"	4"	4"	4"	4"	4"	4"	4"	4"
6"	6"	6"	6"	6"	6"	6"	6"	6"	6"
8"	8"	8"	8"	8"	8"	8"	8"	8"	8"
10"	10"	10"	10"	10"	10"	10"	10"	10"	10"
12"	12"	12"	12"	12"	12"	12"	12"	12"	12"
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