

B E H

BALDWIN-ENRET-HILL, INC., TRENTON, N. J.

DATA SHEET

Product: Baldwin-Enret-Hill Spun Wool Blanket Insulation (Metal Mesh)

Description: Spun Mineral Wool enclosed between facings of flexible, metal fabrics, held together by metal tie wires.

Standard Types of Facings are:

- | | |
|-----|---|
| 1. | 1-inch wire mesh both sides |
| 2. | 1-inch wire mesh and stucco lath |
| 2A. | 1-inch wire mesh and expanded metal lath |
| 2B. | 1-inch wire mesh 3/8" ribbed lath (rib turned in) |
| 3. | Stucco lath both sides |
| 3A. | Expanded metal lath both sides |
| 3B. | Stucco lath one side, expanded metal lath other side |
| 4. | Stucco lath and 3/8" ribbed lath (rib turned in) |
| 4A. | Stucco lath and 3/8" ribbed lath (rib turned out) |
| 5. | Stucco lath and 3/4" ribbed lath (rib turned in) |
| 5A. | Stucco lath and 3/4" ribbed lath (rib turned out) |
| 6. | 3/8" ribbed lath both sides |
| 7. | No. 12 mesh fly screen both sides |
| 8. | 3/8" ribbed lath (rib turned in) and 3/4" ribbed lath
(rib turned out) |

(See spec. for facing types and number of competitive mineral wool blankets)

Uses: For heated surfaces up to 1200F, in power plants, refineries and chemical plants. Used on tanks, towers, vessels, fan housings, turbines, engines, breechings, boilers, etc.

Features: Light-weight, made of Spun Mineral Wool. Factory-made to insure consistent quality. Stable, resistant to vibration. Flexible, easily applied to any regular-curved, or flat surface.

Technical Data: Temperature Limit, maximum1200F
(with monel wire mesh up to 1500F)

Sizes -	Length	-	48, 96 inches
	Width	-	24 inches
	Thicknesses	-	1 to 8" by 1/2" increments
Density		-	10 lb./cu. ft.
Thermal Conductivity		-	(also see attached sheet)

231654

DATA SHEET

<u>Mean Temp. F</u>	<u>K</u>
200	.34
400	.49
600	.69

Surface Temperatures and Heat Losses - (See attached sheet)

Chemical Analysis (typical)

SiO ₂	-	42%
Al ₂ O ₃	-	12%
CaO	-	30%
MgO	-	8%
FeO	-	8%

Specifications:

Federal Specification HH-I-563 - Type I, Classes A, B and C.

ASTM C263

MIL-I-2818 - Qualified Products List
(Test - Ser. No. EN/28/L5/1806)

Packaging:

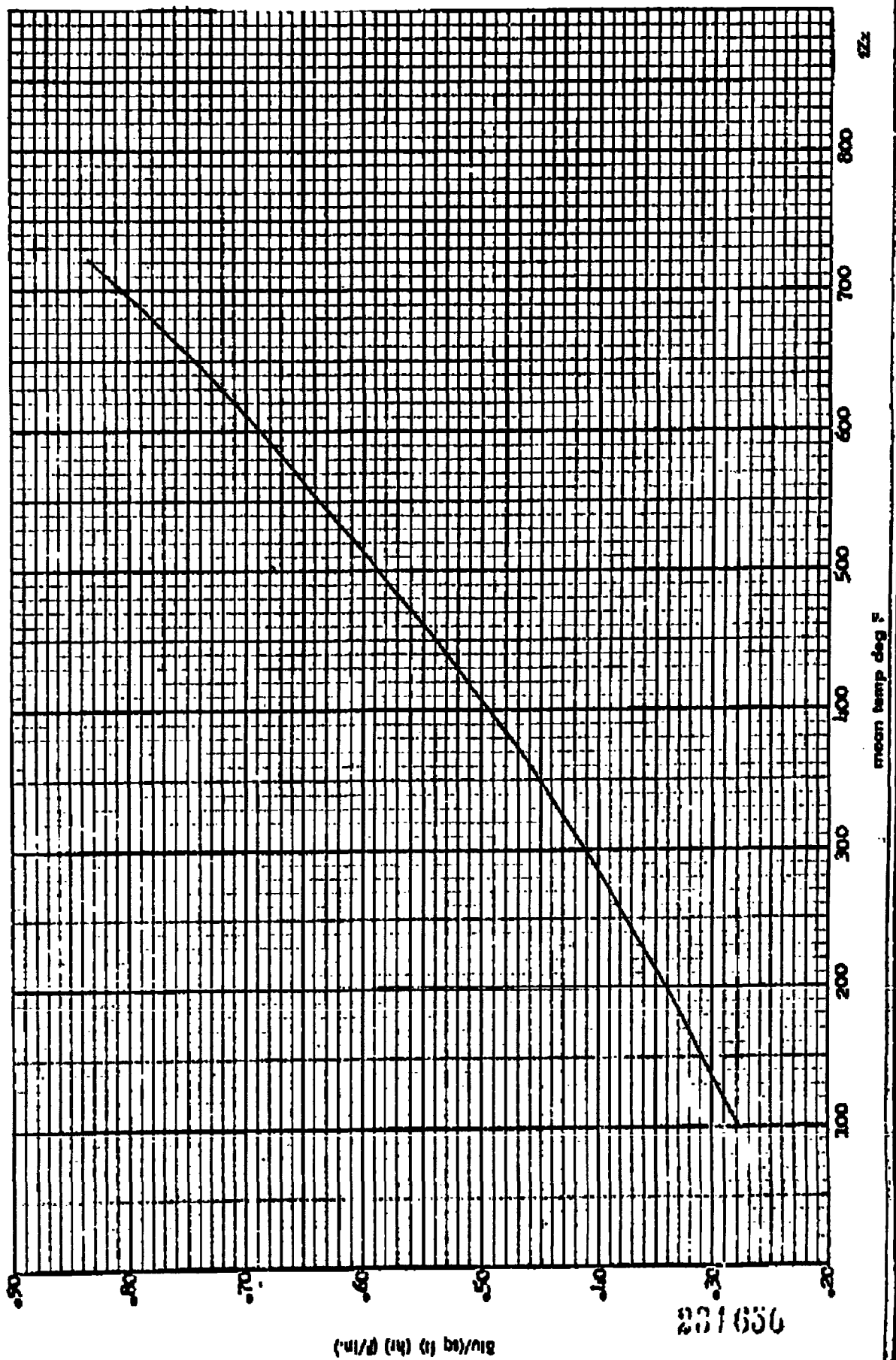
Corrugated boxes, telescopic type, bound with steel strapping.

231658



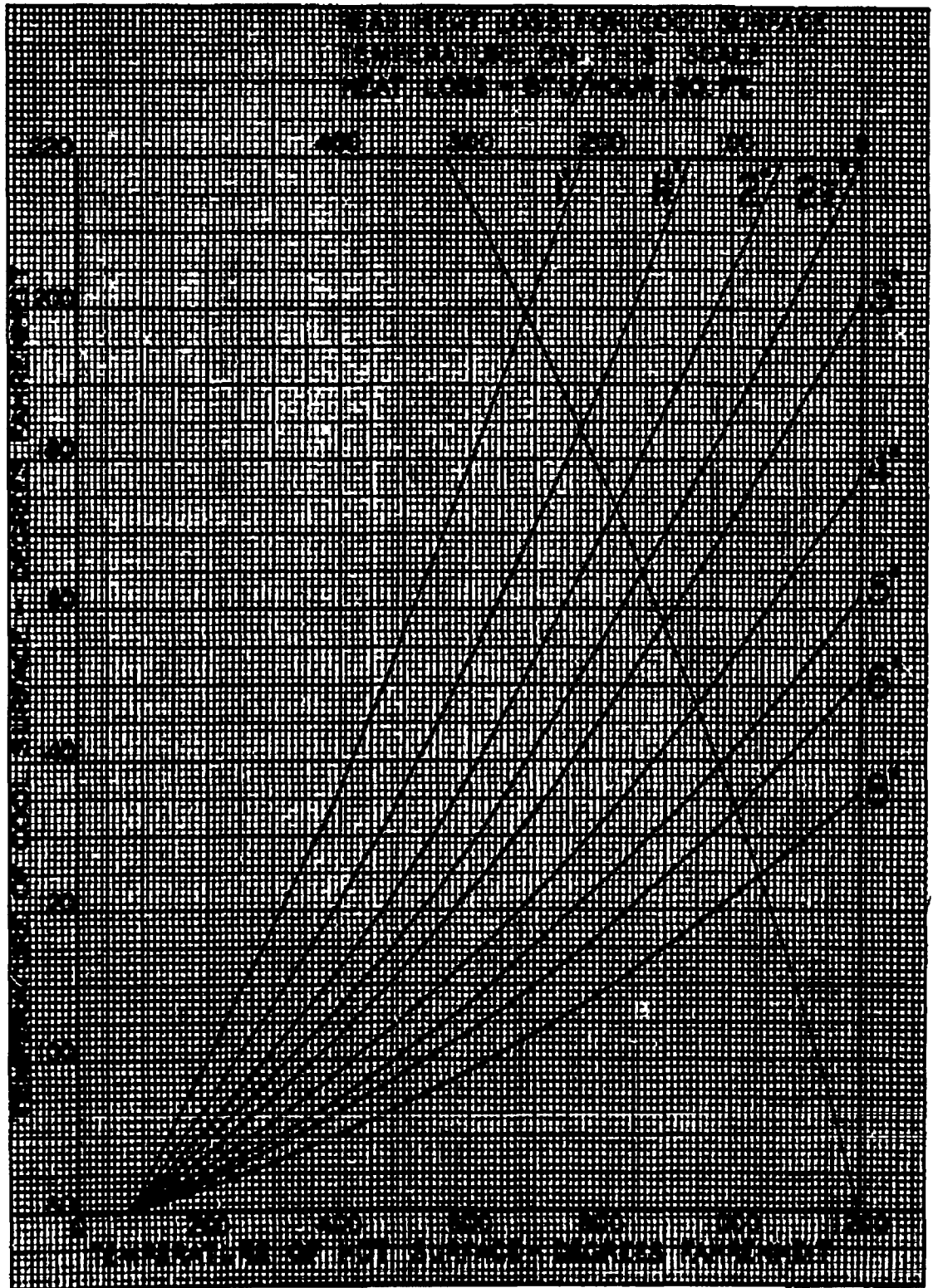
BALDWIN-HERBERT-HILL, 500 Breunig Avenue, Trenton 2, New Jersey

Thermal Conductivity of B-E-H BLANKET INSULATION





BALDWIN-EHRETT-HILL, 800 Breunig Avenue, Trenton 2, New Jersey



Cool surface temperatures and heat losses for vertical flat surfaces insulated with 1" to 6" thicknesses of BALDWIN-EHRETT-HILL SPUN BLANKET INSULATION.

(Surrounding still air at 80°F)

231657

25-2wZ



BALDWIN-EHRET-HILL, Trenton, N. J.

COMPETITIVE BLANZET STYLE NUMBERS

FIRM NAME & HOME OFFICE LOCATION	PLANT LOCATION	BLANZET STYLE	1" Dia. Blk. 5/8" Dia.	2" Dia. Blk. 1" Dia.	3" Dia. Blk. 1 1/2" Dia.	4" Dia. Blk. 2" Dia.	5" Dia. Blk. 2 1/2" Dia.	6" Dia. Blk. 3" Dia.	8" Dia. Blk. 4" Dia.	10" Dia. Blk. 5" Dia.	12" Dia. Blk. 6" Dia.	14" Dia. Blk. 7" Dia.	16" Dia. Blk. 8" Dia.
BALDWIN-EHRET-HILL, INC. 500 Spring Avenue Trenton, New Jersey	Trenton, New Jersey	B-E-H	1	1	2	3	4	4	6	6			
PHILIP CASEY COMPANY 60 E. 4th Street New York City	Cleveland Cleveland, Ohio	Casey	20				20	20			20	20-A	20
EAGLE PIERCE SALES COMPANY Temple 5th Building Cincinnati, Ohio	Ashtabula, Mass. New York	E-P	20	20-A	20-B	20	20-A	20	20	20-A	20-B	20-C	20
FOOT-PRINT INSULATIONS, INC. Rivers Chicago	Ashtabula, Mass. New York	"40"	40								40	40	40
JOHN HANVILLE CORPORATION 77 E. 4th Street New York City	Ashtabula, Ind. New York, N. J. New York, N. Y. New York, N. Y.	J-H	10				10	10			10	10-A	10
RETRACTOR & INSULATION CORP. 311 Fourth Avenue New York City	Fort Kennedy, Pa.	R-I	4		10		4	C			4		4

FIRM NAME & HOME OFFICE LOCATION	PLANT LOCATION	BLANZET STYLE	1" Dia. Blk. 5/8" Dia.	2" Dia. Blk. 1" Dia.	3" Dia. Blk. 1 1/2" Dia.	4" Dia. Blk. 2" Dia.	5" Dia. Blk. 2 1/2" Dia.	6" Dia. Blk. 3" Dia.	8" Dia. Blk. 4" Dia.	10" Dia. Blk. 5" Dia.	12" Dia. Blk. 6" Dia.	14" Dia. Blk. 7" Dia.	16" Dia. Blk. 8" Dia.
BALDWIN-EHRET-HILL, INC. 500 Spring Avenue Trenton, New Jersey	Trenton, New Jersey	B-E-H		5	5-A					5			7
PHILIP CASEY COMPANY 60 E. 4th Street New York City	Cleveland Cleveland, Ohio	Casey	20-A			20	20-A	20	20-A	20	20	20	20
EAGLE PIERCE SALES COMPANY Temple 5th Building Cincinnati, Ohio	Ashtabula, Mass. New York	E-P	20-A	20	20-A			20	20-A	20	20-A	20	20
FOOT-PRINT INSULATIONS, INC. Rivers Chicago	Ashtabula, Mass. New York	"40"	40			10	10	10	10	10	10	10	10
JOHN HANVILLE CORPORATION 77 E. 4th Street New York City	Ashtabula, Ind. New York, N. J. New York, N. Y. New York, N. Y.	J-H	10-A			10	10-A	10	10-A	10		10	10
RETRACTOR & INSULATION CORP. 311 Fourth Avenue New York City	Fort Kennedy, Pa.	R-I				4		4		4			4

Date Jan. 1, 1960

Supersedes: All Previous

231658

Section D3 Page 22