



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

DATA SHEET

Product: Baldwin-Ehret-Hill No. 101 Pipe Insulation, Blanket-Type

Description: Long-fibered spun mineral wool formed in flat, rectangular units reinforced on one side with welded wire fencing (2" x 2-5/8" rectangular mesh, 16 gauge wires), and held together with metal tie wires extending through to fasteners on the opposite side. Pieces are 24 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 4-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 1200F - Single layer application
High insulating value - lightweight
Incombustible - chemically inert
Specially suited for long, high temperature, transmission lines
Easy and quick installation

Technical Data: Temperature Limit, maximum.....1200F
Density, maximum - 10 pounds per cubic foot
Sizes: Length - 24-inches per section
Width - to suit standard pipe sizes 4" and up
Thicknesses - 1-1/2, 2, 2-1/2, 3, 4 inches

Thermal Conductivity

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

Recommended thicknesses for heated surfaces - (See Brochure)

Chemical Analysis (typical) of Wool

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

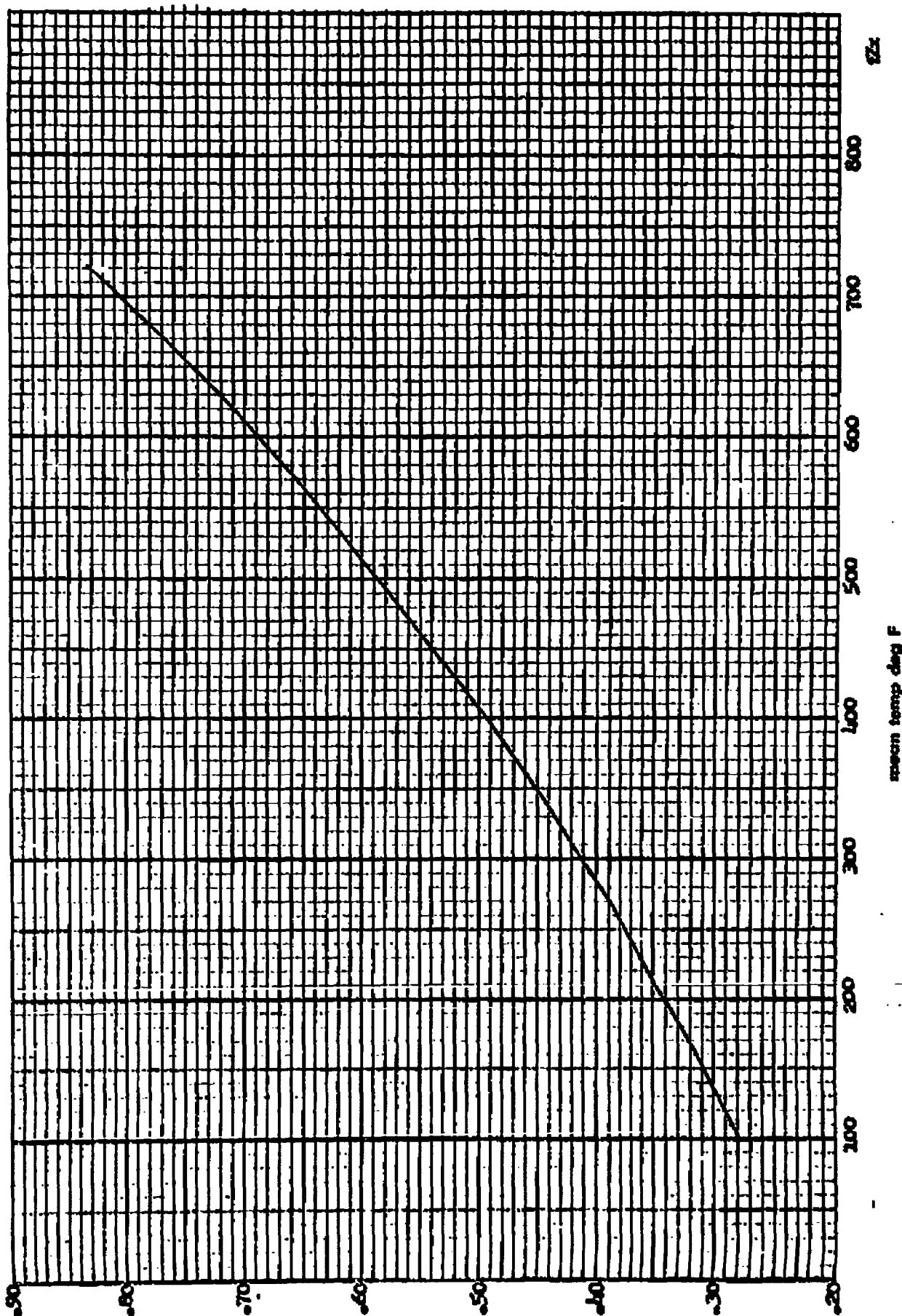
Specifications: Federal Specification - IIII-1-387, Type II, Class C (Obsolete)
Federal Specification - HH-1-592, Type II
ASTM C-280
Note exception to all Specifications - Metal fabric not listed as standard

Packaging: Corrugated boxes - bound with steel strapping



BALDWIN-HILL, 300 Broadway Avenue, Trenton 2, New Jersey

Thermal Conductivity of B-E-H No. 100 and No. 101 PIPE INSULATIONS



231731

RECOMMENDED THICKNESSES OF MONO-KOVER

FOR INDUSTRIAL, COMMERCIAL, AND INSTITUTIONAL PURPOSES
PIPE MANUFACTURED TO SPECIFICATION, PERMITS 1517-1517, 1517-1517, 1517-1517

PIPE SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"	108"	120"	144"	168"	192"	216"	240"	288"	336"	384"	432"	480"	528"	576"	624"	672"	720"	768"	816"	864"	912"	960"	1008"	1056"	1104"	1152"	1200"	1248"	1296"	1344"	1392"	1440"	1488"	1536"	1584"	1632"	1680"	1728"	1776"	1824"	1872"	1920"	1968"	2016"	2064"	2112"	2160"	2208"	2256"	2304"	2352"	2400"	2448"	2496"	2544"	2592"	2640"	2688"	2736"	2784"	2832"	2880"	2928"	2976"	3024"	3072"	3120"	3168"	3216"	3264"	3312"	3360"	3408"	3456"	3504"	3552"	3600"	3648"	3696"	3744"	3792"	3840"	3888"	3936"	3984"	4032"	4080"	4128"	4176"	4224"	4272"	4320"	4368"	4416"	4464"	4512"	4560"	4608"	4656"	4704"	4752"	4800"	4848"	4896"	4944"	4992"	5040"	5088"	5136"	5184"	5232"	5280"	5328"	5376"	5424"	5472"	5520"	5568"	5616"	5664"	5712"	5760"	5808"	5856"	5904"	5952"	6000"	6048"	6096"	6144"	6192"	6240"	6288"	6336"	6384"	6432"	6480"	6528"	6576"	6624"	6672"	6720"	6768"	6816"	6864"	6912"	6960"	7008"	7056"	7104"	7152"	7200"	7248"	7296"	7344"	7392"	7440"	7488"	7536"	7584"	7632"	7680"	7728"	7776"	7824"	7872"	7920"	7968"	8016"	8064"	8112"	8160"	8208"	8256"	8304"	8352"	8400"	8448"	8496"	8544"	8592"	8640"	8688"	8736"	8784"	8832"	8880"	8928"	8976"	9024"	9072"	9120"	9168"	9216"	9264"	9312"	9360"	9408"	9456"	9504"	9552"	9600"	9648"	9696"	9744"	9792"	9840"	9888"	9936"	9984"	10032"	10080"	10128"	10176"	10224"	10272"	10320"	10368"	10416"	10464"	10512"	10560"	10608"	10656"	10704"	10752"	10800"	10848"	10896"	10944"	10992"	11040"	11088"	11136"	11184"	11232"	11280"	11328"	11376"	11424"	11472"	11520"	11568"	11616"	11664"	11712"	11760"	11808"	11856"	11904"	11952"	12000"	12048"	12096"	12144"	12192"	12240"	12288"	12336"	12384"	12432"	12480"	12528"	12576"	12624"	12672"	12720"	12768"	12816"	12864"	12912"	12960"	13008"	13056"	13104"	13152"	13200"	13248"	13296"	13344"	13392"	13440"	13488"	13536"	13584"	13632"	13680"	13728"	13776"	13824"	13872"	13920"	13968"	14016"	14064"	14112"	14160"	14208"	14256"	14304"	14352"	14400"	14448"	14496"	14544"	14592"	14640"	14688"	14736"	14784"	14832"	14880"	14928"	14976"	15024"	15072"	15120"	15168"	15216"	15264"	15312"	15360"	15408"	15456"	15504"	15552"	15600"	15648"	15696"	15744"	15792"	15840"	15888"	15936"	15984"	16032"	16080"	16128"	16176"	16224"	16272"	16320"	16368"	16416"	16464"	16512"	16560"	16608"	16656"	16704"	16752"	16800"	16848"	16896"	16944"	16992"	17040"	17088"	17136"	17184"	17232"	17280"	17328"	17376"	17424"	17472"	17520"	17568"	17616"	17664"	17712"	17760"	17808"	17856"	17904"	17952"	18000"	18048"	18096"	18144"	18192"	18240"	18288"	18336"	18384"	18432"	18480"	18528"	18576"	18624"	18672"	18720"	18768"	18816"	18864"	18912"	18960"	19008"	19056"	19104"	19152"	19200"	19248"	19296"	19344"	19392"	19440"	19488"	19536"	19584"	19632"	19680"	19728"	19776"	19824"	19872"	19920"	19968"	20016"	20064"	20112"	20160"	20208"	20256"	20304"	20352"	20400"	20448"	20496"	20544"	20592"	20640"	20688"	20736"	20784"	20832"	20880"	20928"	20976"	21024"	21072"	21120"	21168"	21216"	21264"	21312"	21360"	21408"	21456"	21504"	21552"	21600"	21648"	21696"	21744"	21792"	21840"	21888"	21936"	21984"	22032"	22080"	22128"	22176"	22224"	22272"	22320"	22368"	22416"	22464"	22512"	22560"	22608"	22656"	22704"	22752"	22800"	22848"	22896"	22944"	22992"	23040"	23088"	23136"	23184"	23232"	23280"	23328"	23376"	23424"	23472"	23520"	23568"	23616"	23664"	23712"	23760"	23808"	23856"	23904"	23952"	24000"	24048"	24096"	24144"	24192"	24240"	24288"	24336"	24384"	24432"	24480"	24528"	24576"	24624"	24672"	24720"	24768"	24816"	24864"	24912"	24960"	25008"	25056"	25104"	25152"	25200"	25248"	25296"	25344"	25392"	25440"	25488"	25536"	25584"	25632"	25680"	25728"	25776"	25824"	25872"	25920"	25968"	26016"	26064"	26112"	26160"	26208"	26256"	26304"	26352"	26400"	26448"	26496"	26544"	26592"	26640"	26688"	26736"	26784"	26832"	26880"	26928"	26976"	27024"	27072"	27120"	27168"	27216"	27264"	27312"	27360"	27408"	27456"	27504"	27552"	27600"	27648"	27696"	27744"	27792"	27840"	27888"	27936"	27984"	28032"	28080"	28128"	28176"	28224"	28272"	28320"	28368"	28416"	28464"	28512"	28560"	28608"	28656"	28704"	28752"	28800"	28848"	28896"	28944"	28992"	29040"	29088"	29136"	29184"	29232"	29280"	29328"	29376"	29424"	29472"	29520"	29568"	29616"	29664"	29712"	29760"	29808"	29856"	29904"	29952"	30000"	30048"	30096"	30144"	30192"	30240"	30288"	30336"	30384"	30432"	30480"	30528"	30576"	30624"	30672"	30720"	30768"	30816"	30864"	30912"	30960"	31008"	31056"	31104"	31152"	31200"	31248"	31296"	31344"	31392"	31440"	31488"	31536"	31584"	31632"	31680"	31728"	31776"	31824"	31872"	31920"	31968"	32016"	32064"	32112"	32160"	32208"	32256"	32304"	32352"	32400"	32448"	32496"	32544"	32592"	32640"	32688"	32736"	32784"	32832"	32880"	32928"	32976"	33024"	33072"	33120"	33168"	33216"	33264"	33312"	33360"	33408"	33456"	33504"	33552"	33600"	33648"	33696"	33744"	33792"	33840"	33888"	33936"	33984"	34032"	34080"	34128"	34176"	34224"	34272"	34320"	34368"	34416"	34464"	34512"	34560"	34608"	34656"	34704"	34752"	34800"	34848"	34896"	34944"	34992"	35040"	35088"	35136"	35184"	35232"	35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