



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

DATA SHEET

Product: Baldwin-Ehret-Hill Thermaasil Pipe Insulation

Description: A lightweight, molded, hydrous calcium silicate pipe insulation, manufactured from a blend of special inorganic ingredients reinforced with selected long asbestos fibers.

Uses: All standard copper tubing or iron pipe sizes, at temperatures up to 1200 F.

Features: Smooth and dust free - strong and structurally stable - lightweight - thermally efficient - non-combustible - unaffected by water - will not warp, shrink, crack or crumble - molded to exact dimensions - long service life - easily installed with standard equipment - economical

Technical Data:

Temperature limit.....	up to 1200 F.
Density (dry)	11-1/2 lb/cu. ft.
Sizes: See Catalog	
Flexural Strength* (Modulus of Rupture).....	55 - 65 psi
Compressive Strength* (at 5% deformation)...	65 - 75 psi
Linear shrinkage after 24 hr. soaking heat:	Max. 1.5% at 1200 F.

*Same as block

Thermal Conductivity

<u>Mean Temp.</u>	<u>k_{in}</u>
100 F.	0.31
300 F.	0.41
500 F.	0.51
700 F.	0.61

Thicknesses recommended - See Catalog

Specifications:

Federal Specification - HH-1-323a, Class 2	
Military Specification - MIL-1-2781 C	{ Grade I, Class b Grade II, Class d Grade III, Class e, Type I
ASTM Specification - C 345	

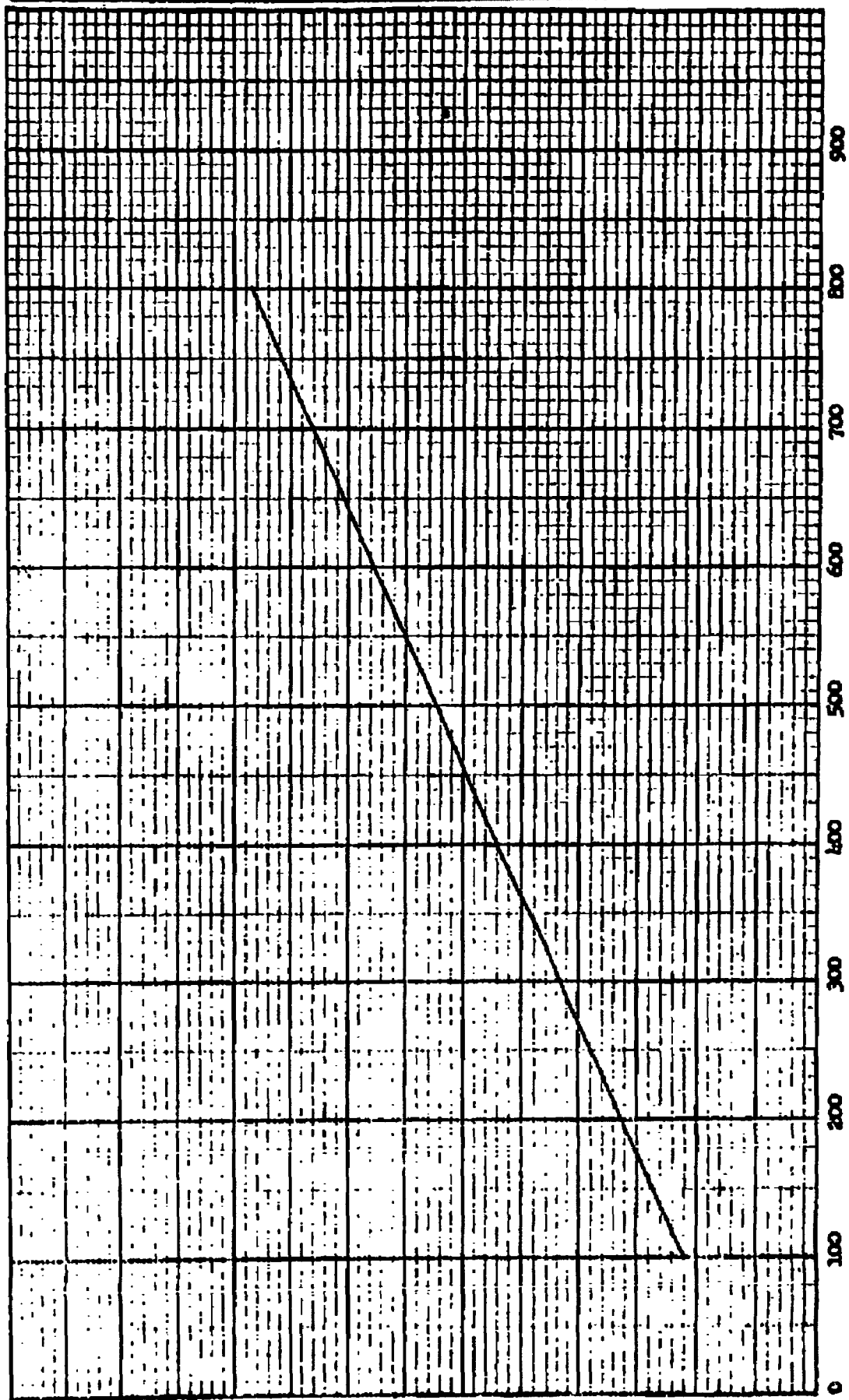
Packaging: Corrugated boxes

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

Thermal Conductivity of B-H Thermasil



29-472

mean temp deg F

Btu/(sq ft) (hr) (°F/in)

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