BEH

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

DATA SHEET

Product: Baldwin-Ehret-Hill Thermalite Pipe Insulation

Description: A lightweight molded pipe insulation composed of basic magnesium carbonate, reinforced with selected long asbestos fibers.

Uses: Suitable for use on all standard copper tubing or iron pipe sizes, at temperatures up to 600 F.

Features: Lightweight - High strength - Non-combustible - Unaffected by heating and cooling cycles - Unaffected by alternate wetting and drying - Will not warp, shrink, crack, crumble, deteriorate or change its insulating qualities - Thermally efficient - Easy to apply.

Technical Data:

Temperature limit	600 F.
Density (dry)	11 lbs./cu. ft.
Sizes: (See Catalog, Section D-1, page 12; same as for Thermasil)	
Flexural strength* (Modulus of Rupture)	40 - 50 psi
Compressive strength* (at 5% deformation)	60 - 65 psi
Linear Shrinkage after 24 hr. soaking heat:	Max. 1% at 600 F.

*Same as block

Thermal Conductivity

Mean Temp	"K"
100 F	0.35
300 F	0.41

Thicknesses recommended - (See Catalog, Section D-1, page 13)

Specifications:
Federal Specification - HH-I-554, Type II
Military Specification - MIL-I-2781 C, Grade 1, Class b.
ASTM Specification - C - 319

Packaging: Corrugated boxes

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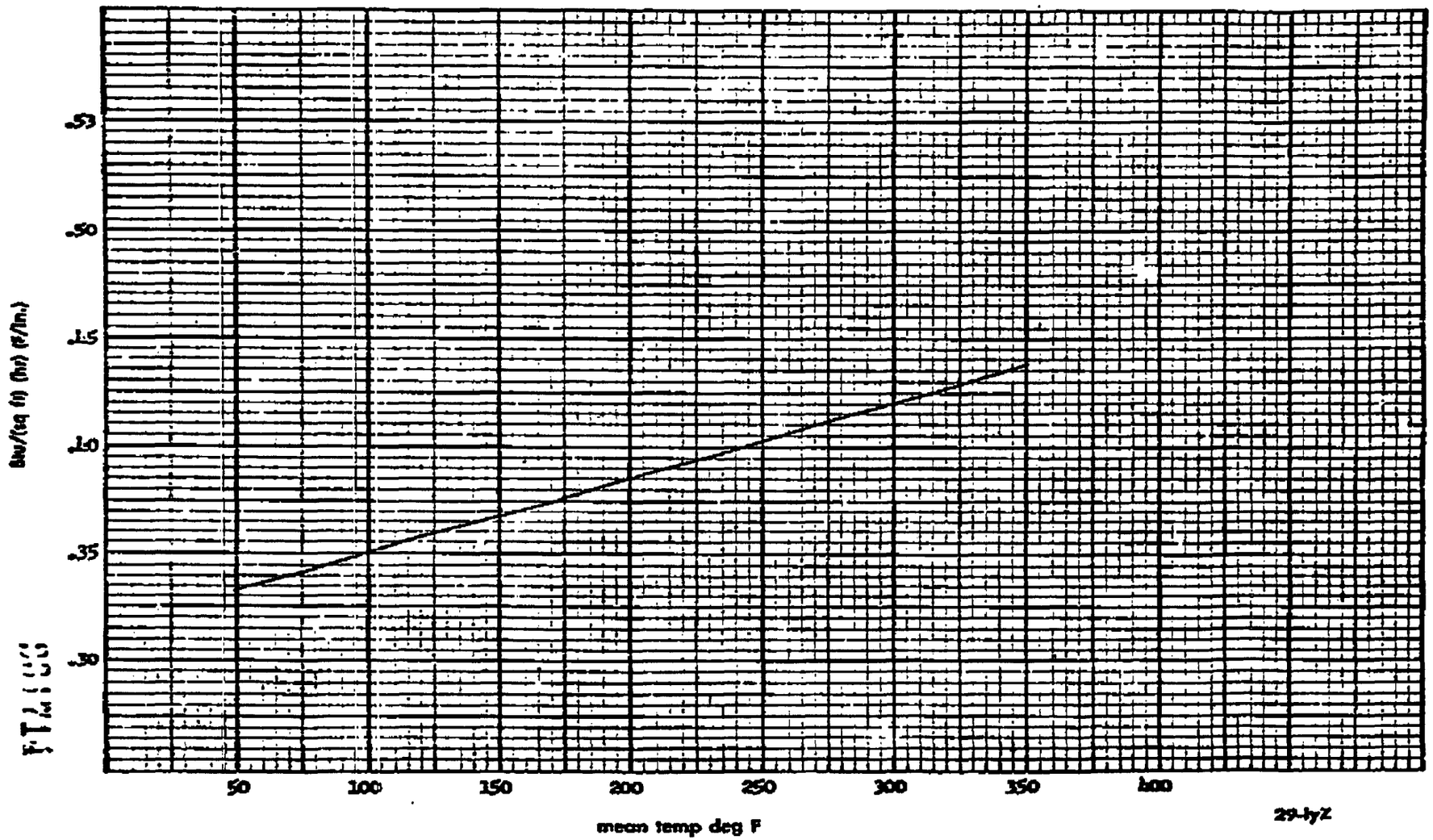
PLAINTIFF'S EXHIBIT KN-394

THERMAL CONDUCTIVITY OF B-E-H THERMALITE



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