

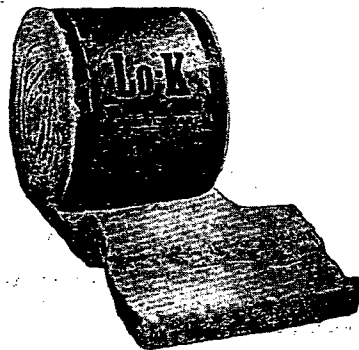
Lockport Mills, Inc.

Thermal and Acoustical

INSULATION

Dept. C.

Lockport, N. Y.



Five featured types to meet every insulation need: (1) **OPEN BLANKET** backed by tough, waterproof, asphalt-coated kraft paper to form an effective vapor barrier. (2) **ENCLOSED BLANKET**. Insulation completely enclosed in envelope, asphalt-coated paper on one side, porous or "breather" type paper on other. (3) **OPEN ALUMINUM FOIL**. All the features of Open Type 1 plus the extra value of aluminum foil backing. Effective vapor barrier... stops 90 per cent of radiant heat. (4) **ENCLOSED ALUMINUM FOIL**. Superior in insulation plus values and thermal efficiency. (5) **DOUBLE FOIL**, aluminum foil on top and back, plus superior Lo-K Blanket efficiency for tops in insulating value.

Thermal Conductivity—The "k" value for cotton is 0.24 Btu/hr/sq ft/degree F/inch. (See table.)

Light Weight—Weight of 1 cu ft is $\frac{3}{8}$ lb. (See table.)

Flame-Proofed—Withstands 1800° blow torch heat.

Moisture-Resistant—Chemical treatment, combined with natural protective coating on cotton fibres, enables cotton to effectively resist moisture. Prevents rot and mildew.

Smooth Texture—No sharp particles to irritate the skin.

Flexible—Cotton batt may be expanded or contracted to fit any enclosure.

Easy to Warehouse and Handle. Offers far more "compressibility." Requires one-third the trucking and warehouse space of ordinary insulation.

Simple and Economical to Install. Saves from 25 to 40 per cent in costs.

Designed to Maintain Maximum Utility. Resists all types of deterioration. Won't sag or settle. Packaged in Rolled Form. Thicknesses— $\frac{1}{2}$, 1, 1 $\frac{1}{2}$, 2, 3, 3 $\frac{1}{2}$. Width—16, 20, 24 in. centers. Lengths: Standard from 12 ft up.

INSULATING VALUE OF VARIOUS INSULATORS*

The coefficients of conductivity (k value) are expressed in Btu per hour per square foot per degree Fahrenheit per in. of thickness.

Type of Insulation	Wgt. per Cu Ft	k Value
Cotton: Insulating Batt.....	.875	0.24
Rock Wool: Fibrous material made from rock.....	10.00	0.27
Mineral Wool: Fibrous material made from mineral slag.....		0.27
Glass Wool: Fibrous material made from glass slag.....	1.50	0.27
Rigid insulation made from sugar cane fibre.....	13.50	0.33
Chemically treated wood fibre between layers of paper.....	3.62	0.25
Eel grass between layers of paper.....	3.40	0.25
Stitched and creped expanding fibrous blanket.....	1.50	0.27
Shavings: Various from planer.....	8.80	0.41
Corkboard: No binder added.....	7.00	0.27
Rigid insulation made from wood fibre.....	15.90	0.33
Rigid fibre board made from shredded wool and cement.....	24.20	0.46

* Compiled from Chapter 9, 1954 Edition.
"k" indicates temperature conductivity.

Mundet Cork Corporation

7105 Tonnelle Ave.

INSULATION DIVISION

North Bergen, N. J.

Manufacturers of Corkboard, Cork Pipe Covering, Compressed Machinery Insulation Cork, Natural Cork Insulation Mats, and all kinds and varieties of Cork Specialties, also 85 per cent Magnesia Insulation in pipe covering & block form.

Complete Insulation Services for High and Low Temperature.

Mundet Branches

ATLANTA, GA.	DETROIT 38, MICH.	LOS ANGELES (Maywood)	ST. LOUIS 9, MO.
BALTIMORE 30, MD.	HOUSTON 11, TEX.	NEW ORLEANS 16, LA.	SAN ANTONIO, TEX.
CINCINNATI 2, OHIO	JACKSONVILLE 2, FLA.	NEW YORK 17, N.Y.	SAN FRANCISCO 7, CALIF.
DALLAS 10, TEX.	KANSAS CITY 1, MO.	PHILADELPHIA 39, PA.	

Mundet Distributors are Located in the Following Cities—Names and Addresses on Request

ALBANY, N. Y.	ELIZ, PA.	PITTSBURGH (Mt. Lee-ARON), PA.	SEATTLE, WASH.
BAKERSFIELD, CALIF.	HARTFORD, CONN.	SACRAMENTO, CALIF.	STOCKTON, CALIF.
BEAUMONT, TEXAS	JOHNSON CITY, TENN.	TULSA, OKLA.	TULSA, OKLA.
BLOOMFIELD, N. J.	MOBILE (Pritchard), ALA.	SALT LAKE CITY, UTAH	WATSONVILLE, CALIF.
BUFFALO, N. Y.	NEW HAVEN, CONN.	SAN DIEGO, CALIF.	WILMINGTON, DEL.
CHICAGO, ILL.	NORFOLK, VA.	SAVANNAH, GA.	YOUNGSTOWN, OHIO
DENVER, COLO.	OKLAHOMA CITY, OKLA.		

Natural Cork—Cork in its natural state consists of minute hermetically sealed cells containing "dead" air. Approximately 200,000,000 cells per cubic inch. Cell walls are resinous, resilient, and impervious to the passage of air. There is no "free" air to conduct heat or moisture and no capillary attraction.

LOW TEMPERATURE INSULATION

Mundet "Jointite" Corkboard

Natural cork is ground into $\frac{1}{4}$ in. to $\frac{5}{8}$ in. granules and compressed under heat in moulds to produce Mundet flat or shaped corkboard. Air spaces between granules are eliminated by the pressure and the milled resin in the cell walls cements the mass into a homogeneous structure retaining the properties of natural cork.



Section of Mundet Moulded Cork Pipe Covering with Fitting. The pipe covering is made in sections 36 in. long, to fit all sizes of pipe.

Mundet Corkboard meets U. S. Government Master Specifications. Its heat transmission is guaranteed not to exceed .29 Btu when tested in accordance with *Bureau of Standards* regulations. In actual cold storage practice, this figure may be safely reduced to .27 Btu. Sold in standard 12 in. x 36 in. sheet. Standard thicknesses, $\frac{1}{2}$ in., 1 in., 1 $\frac{1}{2}$ in., 2 in., 3 in., 4 in., 6 in.

Mundet "Jointite" Cork Pipe Covering

Protects all types of low temperature lines. Made in 3 thicknesses, with complete line of standard covers, suitable for pipes carrying sub-zero to 50 F temperature.

HEAT INSULATION

85% Custom-Molded Magnesia

The new Mundet plant for the manufacture of 85 per cent magnesia insulation makes available the most modern plant facilities for the production of heat insulation in pipe covering and block forms.

Engineering and Specification Service
Our engineering department is at the service of Architects and Engineers, to assist and advise in the preparation of specifications. This service is available without obligation.

Mundet Contract Service

Covers the complete installation of our products, in accordance with best established practice. Divided responsibility is avoided. Materials and workmanship are guaranteed. Send for new catalog.

We manufacture a full line of insulation products for temperature ranges up to 1900 F, including "Tri-Calite" calcium silicate pipe covering and blocks; and "Type 19" high temperature insulation. Other products are Mundet Anti-Sweat and "Dri-Mag" insulations.