A DESCRIPTIVE LIST OF

KEASBEY & MATTISON COMPANY

AMBLER PENNA.

Ambler Asbestos Products



Factory and Main Office, AMBLER, PENNA., U.S.A.

Branch offices located at

Albany, Boston, Baltimore, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Detroit, Minneapolis, Newark, New York, Philadelphia, Pittsburgh, Providence, St. Paul, Washington, Wilkes-Barre

Makers of the Best in Asbestos

ASBESTOS PRODUCTS

KEASBEY & MATTISON CO.

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MADE BY THE

KEASBEY & MATTISON COMPANY

AMBLER, PENNSYLVANIA, U. S. A.

1924

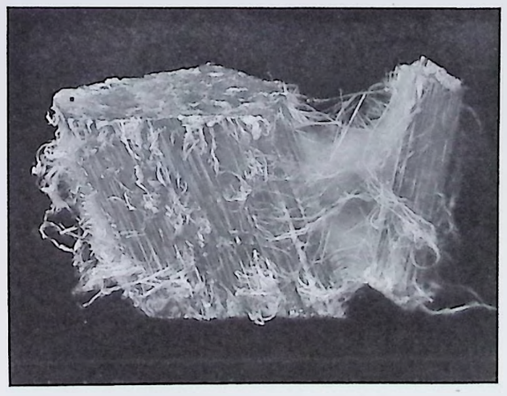
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Asbestos

THE mineral, Asbestos, is found in many different forms, types and conditions. Of these, Chrysotile Asbestos is the most valuable commercially, and hence the best known. Chrysotile Asbestos is a hydrated Magnesium Silicate, occurring in fibrous masses having a beautiful, silky appearance and an unctuous feel. This fact has led to the earlier appellations of "physical paradox" and "mineralogical vegetable."

To be of any commercial value, Asbestos needs length and fineness of fibre, flexibility, tensile strength and heat resistance. Qualities like silkiness, length and flexibility can be determined readily by the eyes and fingers, but toughness and heat resistance—the essential qualities of value—can be determined only by systematic tests.

The Chrysotile Asbestos found in Canada is justly held as the type of Asbestos best suited to the world's work, and the mines at Thetford Mines, P.Q., Canada, particularly the Bell Asbestos Mines, owned by the Keasbey & Mattison Company, of Ambler, Pa., U.S.A., are recognized as among the largest producers of the highest grade asbestos.



A small piece of Asbestos from the above described mine has been broken in half, showing the extreme silkiness of the fibrous hairs which compose the Chrysotile Asbestos seams of the Bell Asbestos Mines. This is the highest type of this mineral, Asbestos, mined anywhere in the world.

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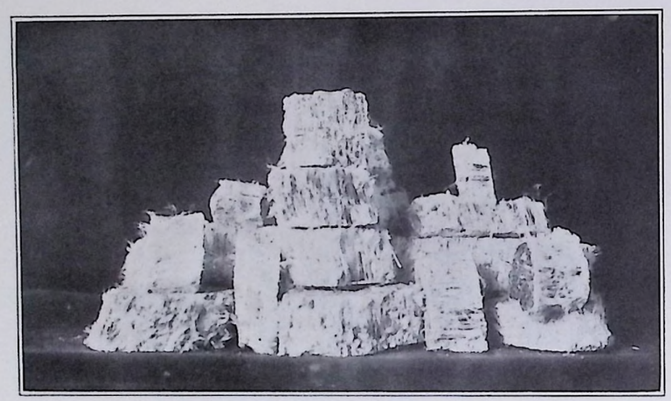
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Bell Mine Asbestos

as it occurs in nature, showing the Asbestos veins, in the darker serpentine rock.



Bell Mine Asbestos

"Crude" Veins separated from the Matrix—the first step in preparation for use in manufacture.



Bell Mine Asbestos

Carded No. 1 Asbestos fibre, ready for spinning.

The Keasbey & Mattison Company's
Bell Asbestos Mines

THETFORD MINES, P. Q., CANADA

THESE world famous Asbestos mines consist of 120 acres of mining property situated at Thetford Mines, P. Q., Canada, with houses, mills, warehouses, tracks—about ten miles of railroad tracks in and about the mines—cars, locomotives and other appurtenances incident to a well equipped mining property.

Both Mines and Mills are thoroughly equipped with the most complete and modern electric power plant, as well as a complete steam plant, independent of each other, and interchangeable at short notice.

The Bell Asbestos Mines are well known throughout the world, wherever Asbestos is employed. They are situated centrally among three groups of mines which are the world's principal source of supply for Chrysotile Asbestos. In the last twenty-five years, the Bell Mines have probably produced more high-grade Asbestos than all of the other Canadian mines put together.

During the years 1906 and 1907 while a tunnel was being driven for an inclined railway from the mines to Mill No. 3 for the purpose of prosecuting the ordinary work of the mines with the greatest degree of economy, an additional and enormous amount of Asbestos of the highest grade was uncovered. This tunnel was driven from the floor of the main pit, 175 feet below the mine surface, 18 feet wide, 25 feet high and 475 feet in length, on a 12% gradient, and proved conclusively the inexhaustible character of this Asbestos deposit, illustrating as well the fact that the richness of the veins, for which the surface mining of the Bell Asbestos Mines has always been noted, ran throughout the millions of tons of serpentine lying above the tunnel roof, now so readily accessible.

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THIS *piece of No. 1 Crude Asbestos was taken from a gigantic seam of Asbestos found in the Bell Asbestos Mines owned by the Keasbey & Mattison Company. The seam appears to be about 50 feet high and 80 feet long, the fibre running from 5 to 7 inches in length, but the seam is interspersed with numerous breaks, so that the actual unbroken fibre does not average more than 2 or 3 inches in length. It is probably the largest unbroken piece of No. 1 fibre ever mined.*

During several years past, many side drifts from the main tunnel have been driven, and those driven recently have developed ground of such extraordinary richness in large veins of Asbestos from 2 to 4 inches in thickness as to be almost incredible to engineers who are experts in Asbestos mining. As a matter of fact, there is no such exhibit of high-grade Asbestos to be found anywhere in the world as is in plain sight in the tunnels and drifts of the Bell Asbestos Mines.

As the Keasbey & Mattison Company is the largest manufacturer of high-class Asbestos textiles, packings, millboards, etc., to be found anywhere, it is unnecessary to do more than point out what it means to that Corporation and its customers to have its unlimited supplies of raw materials of every grade of asbestos so thoroughly protected, and thus be independent of all outside interference, either as to dearth of supplies, or undue enhancement of price.

Bell Mine Grading of Asbestos Crude and Fibre



Furnished in 100-lb. Bags.			
Asbestos	Crude	No. 1	Quality
"	"	" 2	"
"	Fibre	" AA	"
"	"	" A	"
"	"	" B	"
"	"	" S	"
"	"	" C	"
"	"	" D	"
"	"	" E	"
"	"	" F	"
"	"	" FF	"
"	Sand		

THE commercial grading of Asbestos fibres, based only on the length of the fibres, is determined by placing a sample of the fibre in the upper one of a series of standard screens with differential gauge gradings, and agitating the screens a prescribed number of times in a set number of minutes; the proportion between the percentage of fibre then found in each screen determines the grading. A differential of 10 per cent is allowed from all standards.

The grading of the Bell Asbestos Mines is recognized throughout the world as the standard with which the product of all other Asbestos Mines must be compared as to quality, the Bell Mines' gradings being the most uniform in the trade.



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Ambler Asbestos Textile Products

ASBESTOS fibre is prepared for commercial use by crushing and milling the crude Asbestos rock, in order to separate and eliminate the matrix through the use of vibratory screening methods, and from this the pure Asbestos fibre is liberated as a fluffy, silky mass, having lost all semblance to a rock or mineral, and appearing not unlike fibres of vegetable or animal origin.

This Asbestos fibre is then carded, or combed, in order to lay all of the minute fibres in the same direction, which is necessary before they can be used in a spinning frame. The carded fibre is not unlike carded cotton in appearance, and for some uses the Asbestos is mixed with a certain percentage of this or other vegetable fibre, depending upon the use that is to be made of the product manufactured from such a mixture. Spinning machines of various types next convert the carded Asbestos fibre, or mixture of fibres, into the types of yarns which are the basis of all Asbestos textile products.

Ambler Asbestos Carded Fibres

Asbestos crudes, Nos. 1 and 2, also Asbestos fibres in grades AA, A and B from the famous Bell Asbestos Mines, are furnished carded for a wide diversity of uses, such as the lining of gas grates, filtering of water, acid and other liquids, the manufacture of compressed sheet packing, packing spark plugs and trimming Christmas trees.

Ambler Asbestos Carded Fibres are furnished absolutely pure and are packed in barrels weighing approximately 50 to 100 pounds, net, according to grades.

Ambler Asbestos Slivers and Roving

Ambler Asbestos Slivers and Roving are the products of a specially constructed card and are formed into long strands without the twist used in spinning. Ambler Asbestos Slivers are furnished in sizes up to ¼" in diameter. The small strands are also furnished in multiple plies to form a material of larger diameter, as many as twenty strands or plies being used. Ambler Asbestos Roving is furnished in sizes of ¼" diameter and up, and is made only in single-ply. These materials are used extensively and in the electrical field in particular they are used for insulating wires, cables, etc.

Ambler Asbestos Slivers and Roving are furnished on reels or packed in cartons.

Ambler Asbestos Yarns

ASBESTOS yarns are made by spinning select long Serpentine Chrysotile Asbestos fibres into strands. These strands are of various diameters and weights, and can be spun so fine that a strand measuring approximately 3 miles in length will weigh but one pound. A method of identifying the different diameters or sizes of yarns, which has been devised and approved by The Asbestos Textile Manufacturers, and thus made "standard," is as follows:

Standard Official Classification of Asbestos Yarns

No. 1 yarn measures	100 yds. to the lb., single ply	No. 11 yarn measures	1100 yds. to the lb., single ply
No. 2 " "	200 " " " " " "	No. 12 " "	1200 " " " " " "
No. 3 " "	300 " " " " " "	No. 13 " "	1300 " " " " " "
No. 4 " "	400 " " " " " "	No. 14 " "	1400 " " " " " "
No. 5 " "	500 " " " " " "	No. 15 " "	1500 " " " " " "
No. 6 " "	600 " " " " " "	No. 16 " "	1600 " " " " " "
No. 7 " "	700 " " " " " "	No. 18 " "	1800 " " " " " "
No. 8 " "	800 " " " " " "	No. 22 " "	2200 " " " " " "
No. 9 " "	900 " " " " " "	No. 24 " "	2400 " " " " " "
No. 10 " "	1000 " " " " " "	No. 30 " "	3000 " " " " " "

Single ply furnished in ¼, ½ or 1 lb. balls, 2 and 3 ply, on 1 to 5 lb. Tubes.

Ambler Asbestos yarn may be further strengthened by twisting two or more strands together, thereby obtaining a product which is designated as 2-ply, 3-ply, etc. Again: Asbestos yarns are spun with copper or brass wire to increase their tensile strength. Yarns so spun are designated by the word "metallic" or by the letter "W" after the number. Thus "No. 8W—3-ply" means a 3-ply yarn, twisted with copper or brass wire. They may be further described by the addition of words "hard twist."

The word "cut" is often used instead of the number; thus, No. 10 yarn is "10-cut yarn"; and 2-ply, 10-cut yarn runs 500 yards to the pound; 3-ply, 12-cut, runs 400 yards to the pound, etc.

Ambler Asbestos "No. 1 quality, Asbestos yarn" is the very highest grade yarn produced. "No. 2 quality, Asbestos yarn," is somewhat lower priced, and contains a slight cotton content, while "No. 3 quality, Asbestos yarn" contains not more than 15% of long staple cotton, and is still cheaper, being made especially for the varying requirements of the manufacturers of the different grades of steam packings, etc., the employment of low steam pressures not requiring a pure Asbestos Packing for this use.

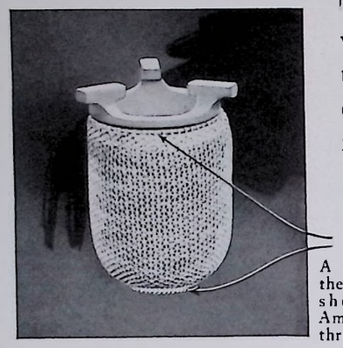
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Ambler Asbestos Thread



AMBLER Asbestos Thread is spun from No. 1 quality Asbestos yarn, two to four strands or plies being used. The Keasbey & Mattison Company, through its own laboratory treatment, is enabled to offer an Asbestos thread of uniform smoothness, strength and high quality.

Ambler Asbestos Thread is everywhere recognized as the best Asbestos thread on the market. It is frequently called "mantle thread" because it was first used in quantities for tying gas mantles of the Welsbach type. However, it is now in demand for sewing theater curtains, asbestos garments, etc.



A gas mantle of the Welsbach type showing where Ambler Asbestos thread is used.

2-ply, 12-cut, 600 yards to the lb.
2-ply, 14-cut, 700 " " " "
2-ply, 26-cut, 1300 " " " "
3-ply, 12-cut, 400 " " " "
4-ply, 12-cut, 300 " " " "
Furnished on 1 or 5 lb. paper tubes.

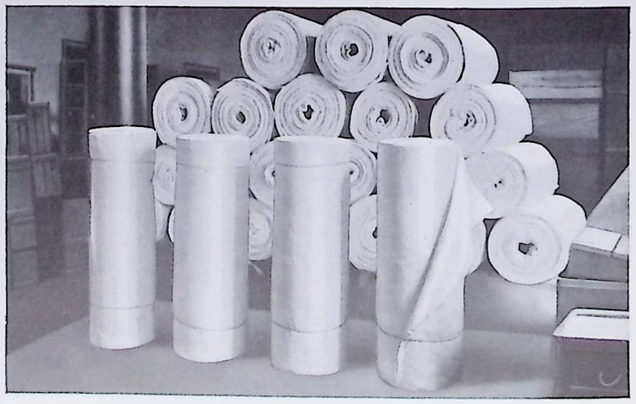
Ambler Asbestos Cloth

Ambler Asbestos Cloth is made from Asbestos yarn in several weights and textures, the plain Asbestos cloth from plain yarn and metallic Asbestos cloth from yarn which is spun with copper or brass wire.

A variety of manufactured products are made from Ambler Asbestos Cloth, such as diaphragms for machines producing oxygen, Asbestos wound and folded packings, theater curtains, moving picture booths and asbestos clothing. Large quantities are also used in the rubber industry.

Approximate weights per sq. yd.

Plain	No. 10	3	lbs.
"	" 9	2.5	"
"	" 8	2.25	"
"	" 8A	1.90	"
"	" 8AA	1.65	"
"	" 3/16"	5.00	"
Metallic	No. 13C	3	lbs.
"	" 66	2.75	"
"	" 1/32"	2.10	"

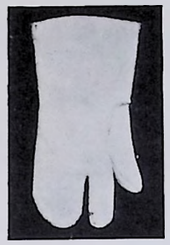


Standard 40-inch widths of Ambler Asbestos Cloth

Ambler Asbestos Clothing

AMBLER Asbestos Garments are made from Ambler Asbestos Cloth and include overalls, coats, aprons, helmets, mittens, gloves, caps, leggings, shoes; in fact, everything for the protection of the human body against fire.

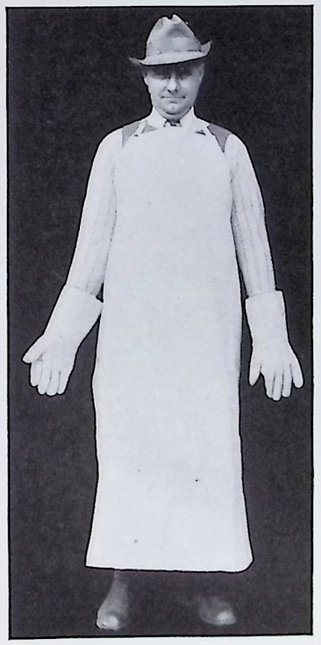
Ambler Asbestos Clothing is worn by men employed in rolling mills, glass works, foundries, enameling plants and other industries where the fire hazard is unusually great.



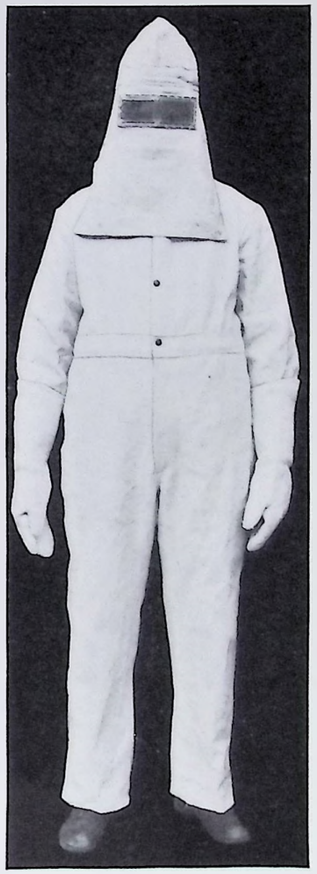
Asbestos mitt with thumb and one finger — reversible. Style No. 527.



Asbestos glove Style No. 552.



Asbestos long apron, Style No. 575.
Asbestos gloves, Style No. 551.



Asbestos hood, Style No. 504.
Asbestos union suit, Style No. 571
Asbestos mittens, Style No. 536.



Asbestos helmet, Style No. 501.
Asbestos 30" coat, Style No. 591.

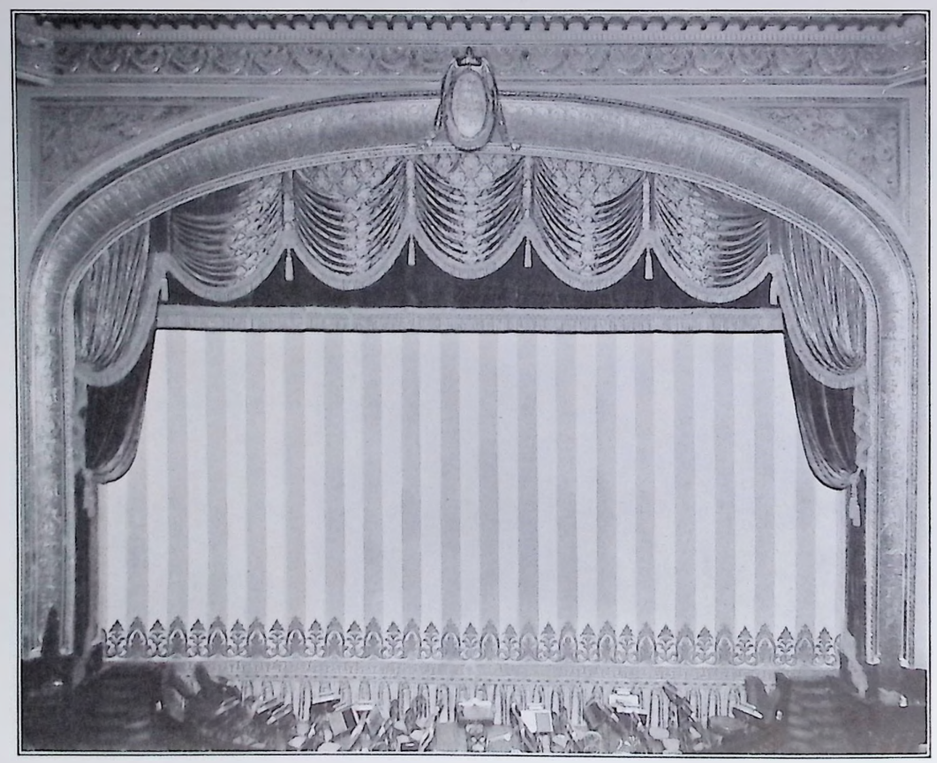
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Ambler Asbestos Theater Curtains

THERE is no application of Asbestos Cloth where the requirements are more rigid than in the manufacture of Asbestos Theater Curtains, which must be fire-resisting in the highest degree. The cloth must be of close weave, it must have strength and it must have weight.

The use of plain Asbestos cloth is no longer regarded as good practice. A metallic cloth weighing five pounds to the square yard most effectively meets the requirements. In some States a three-pound cloth is acceptable and others permit the use of a two and one-half pound cloth.

Keasbey & Mattison Company curtains are noted for superior construction and are found in the best theaters in the country. The largest theater curtain in the world was made by the Keasbey & Mattison Company for the Hippodrome, New York.



Ambler Autobestos Brake Lining and Clutch Facings



Ambler Autobestos Brake Lining is—

(1) made of the highest grade, long, strong, pure Bell Mine Asbestos and is, therefore, always the same;

(2) woven on specially built looms, in the leading Asbestos textile mill in the world and is, therefore, woven right;

(3) treated scientifically to produce a high coefficient of friction and is, therefore, a safe lining.

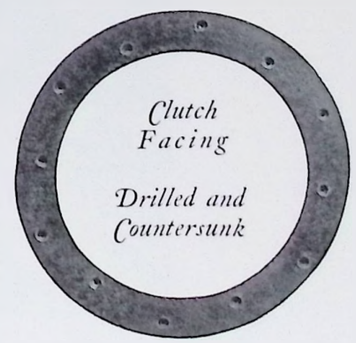
The Keasbey & Mattison Company mines the Asbestos, spins the yarn, weaves the lining, treats and finishes it, thereby controlling the quality throughout the process of manufacture at all times.

The *first brake lining on the market was woven by the Keasbey & Mattison Company* and this company has been producing this commodity during a longer period than any other mill in the world. Naturally, therefore, Autobestos is the result of an experience of much value to the user of brake lining.

AUTOBESTOS cannot be burned out by friction
"SAFEST for the SHORT STOP
CHEAPEST in the LONG RUN"

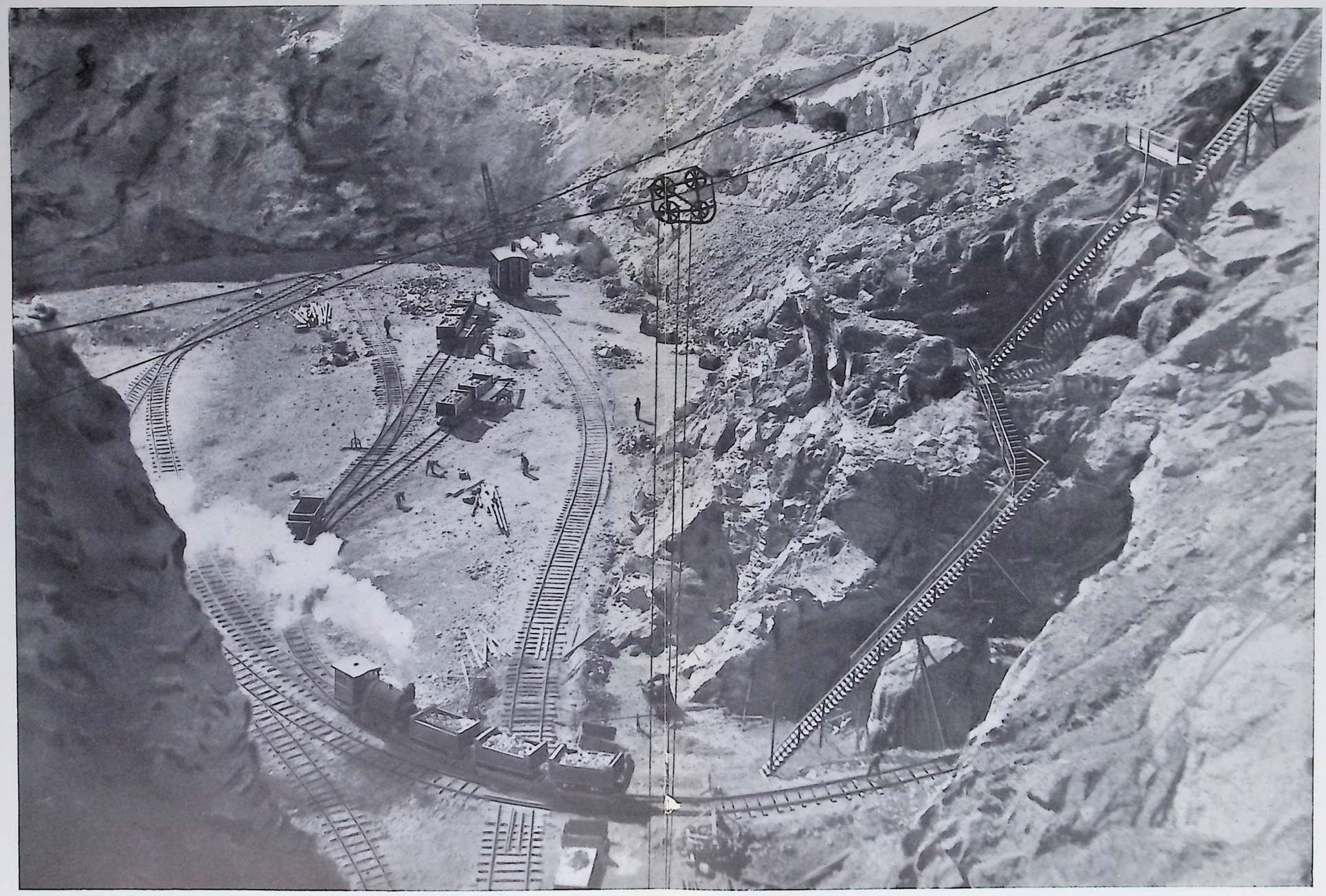
Ambler Autobestos Clutch Facings have earned a well-merited confidence among the trade for uniformity of texture and size, as well as quality.

Expert treatment of Ambler Autobestos Clutch Facings insures the highest coefficient of friction and positively prevents warping or dishing.



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AMBLER · ASBESTOS · PRODUCTS



This remarkable photograph shows the main pit and the entrance to the tunnels in the Bell Asbestos Mines, owned by the Keasbey & Mattison Company.

The most of the Asbestos fibre is taken out through the main tunnel, seen on the right, which inclines up through the rock to the mill on the surface.

Makers of the Best in Asbestos

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Ambler Asbestos Selvage Edge Tape

(OR LISTING)

ASBESTOS Selvage Edge Tape is woven, like Asbestos cloth, but is made in narrow widths from ⅜″ to 4″, with strong, even edges that will not ravel. It comes in varying thicknesses, from .015″ to ⅛″, and is furnished either plain or "metallic."

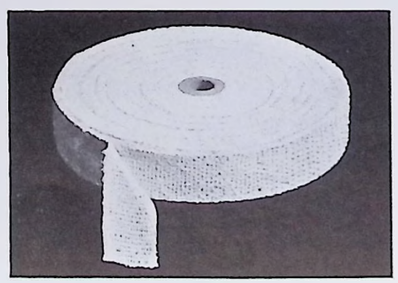
Due to the nature of Asbestos and the exacting purposes which are served, the weaving of fine Asbestos tape is a difficult process and few Asbestos mills attempt its manufacture. Strict adherence to specifications is absolutely essential because of the small allowable clearances and the precision with which all parts for motors, generators and other electrical equipment are machined. The tape must be uniform in width and thickness, closely woven and free from pinholes.

Keasbey & Mattison Company, through its sure source of supply from its own mines of the finest possible grade of Asbestos and long experience in manufacture, is enabled to produce a very high-grade Asbestos selvage edge tape that meets every requirement.

Number of Feet per Pound

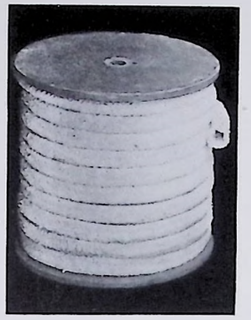
Size	.015″ thick	.020″ thick	.025″ thick	1/16″ thick
½″	310	213	144	90
¾″	212	163	98	58
1″	163	122	79	49
1⅛″	148	101	72	43
1¼″	138	97	61	38
1½″	102	88	58	29
2″	85	65	37	23
3″	55	45	25	15

These weights are subject to a plus or minus variation of not more than 15%.



Ambler Asbestos Braided Sleeving or Tubing

AMBLER Asbestos Sleeving or Tubing is made by braiding the finer yarns into tubings having an *inside* diameter ranging from 1/32″ to 4″. It comes in tight and loose weaves, and in light, medium and heavy weight. "Light" has walls approximately 1/32″ thick, and "heavy" 1/16″ to ⅛″ according to diameter of tubing. It is used largely in the electrical industry and in glass factories.



Furnished in 1, 5 and 10 lb. spools and 25 and 50 lb. reels.

Size I. D. in.	Approx. ft. per lb.	Size I. D in.	Approx. ft. per lb.
1/16	250	⅞	9.5
3/32	200	1	9
⅛	176	1¼	7
5/32	170	1½	5.38
3/16	156	1⅝	5.1
7/32	143	1¾	4.9
¼	125	2	4.45
9/32	110	2¼	4.2
5/16	50	2½	3.87
⅜	23	2¾	3.6
7/16	22	3	3.29
½	16	3½	2.7
9/16	14	4	2.13
⅝	12.5		
¾	10		

Ambler Asbestos Wick Packing

Ambler Asbestos Wick Packing is a loosely twisted, large diameter roving and is adapted to all conditions not requiring high steam pressures—for packing steam valves on exhaust lines, for hot water, vapor or low pressure steam heating systems; also for wire wiping, retorts, ovens, etc.

Ambler Asbestos Wick Packing has the same qualities which make Asbestos packings superior for all uses. It is practically self-lubricating, is unaffected by heat and constant friction, and outlasts ordinary packings four or five times over.



A one-pound ball of Wick Packing

Approx. ft. per lb.	
¼″	40
¾″	30

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Ambler Asbestos Twisted Rope Packing

SEVERAL strands of Ambler Asbestos Wick Packing are twisted together to form Ambler Asbestos Twisted Rope Packing. This packing has a well-deserved reputation for its high Asbestos content.



Furnished on 25 or 50 lb. reels.

Approximate weight per 100 ft.

3/8"	diam.	5 lbs.
1/2"	"	10 "
5/8"	"	14 "
3/4"	"	21 "
1"	"	28½ "
1¼"	"	40 "
1½"	"	47 "
2"	"	60 "

Ambler Asbestos Braided Packing

Ambler Asbestos Braided Packing, Style No. 69, is a tough, tightly constructed packing made of high grade asbestos yarn, braided over an asbestos wick or rope core. This is a plain asbestos packing having no graphite, rubber or other treatment.

Style No. 69 is made in sizes from ¼" to 1½" and either round or square in shape.

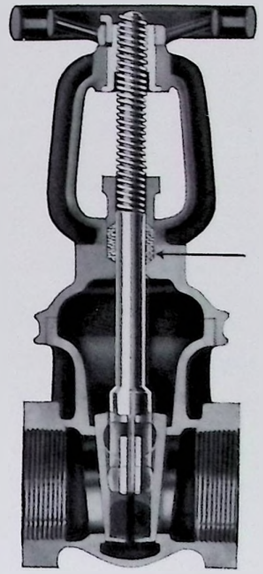
Furnished on 1, 5 and 10 lb. spools and 25 or 50 lb. reels.

Size	ROUND Approx. ft. per lb.	SQUARE Approx. ft. per lb.	Size	ROUND Approx. ft. per lb.	SQUARE Approx. ft. per lb.
1/4"	37	25	7/8"	3	2
3/8"	18	10	1"	2.7	1.8
1/2"	11	6	1 1/8"	1.8	1.4
5/8"	6.4	5	1¼"	1.6	1
3/4"	5	3	1½"	1.2	.9

Smaller sizes make necessary a slightly different construction, and are furnished in round shape only.

Sizes 1/16" to 1/4" are made with a soft asbestos yarn center, (Style No. 61); or an asbestos cord center, (Style No. 62).

Ambler Asbestos Valve Stem Packing



STYLE No. 100T is a twisted valve stem packing made by twisting together strands of thoroughly lubricated and graphited asbestos yarn.

STYLE No. 101B is a valve stem packing made by braiding lubricated and graphited asbestos yarn over a core of asbestos yarn which is also lubricated and graphited.

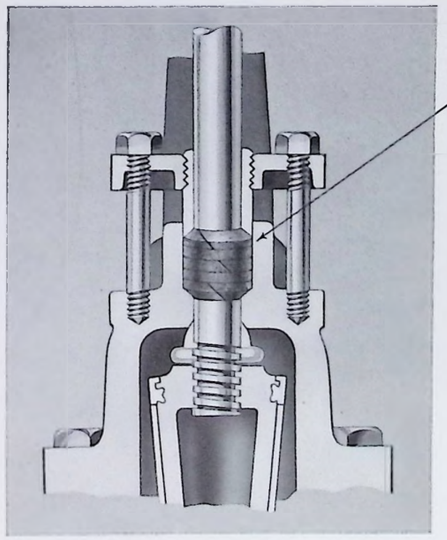
Approximate feet per lb.

Size	Braided	Twisted
1/16"	166	250
1/8"	66	83
3/16"	42	41
1/4"	27	21
5/16"	16	17
3/8"	11	12
1/2"	6.5	6
5/8"	4.5	4
3/4"	3.5	3

Furnished on ¼, ½, 1 and 5 lb. spools and 25 lb. reels.

Ambler Asbestos Ring Packing

Ambler Asbestos Rings are noted for uniformity and accuracy of dimensions and the high quality of materials. They are made from the highest grade Asbestos yarn, braided, treated, and compressed to any desired size and shape.



Ambler Rings are made in a wide variety of styles for many service conditions. They can be furnished for valves, pumps, or any stuffing box, to hold steam, water, grease, oil, or gasoline. They are a convenient, ready-formed packing, designed for quick and easy installation in difficult places.



Ring slightly opened to show ease of application.

Ambler Asbestos Rings are uniform both as to size and high quality of materials.



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Ambler Asbestos High Pressure Packing

IN these days of excessive speed there is an ever-increasing demand for packing that will meet the requirements of higher pressures and temperatures. The wonderful heat resisting properties of Canadian Chrysotile Asbestos make it far superior to any other material for this purpose.

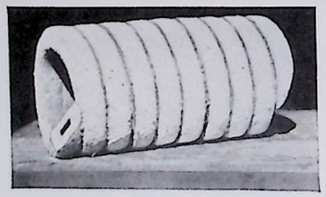
Keasbey & Mattison Company has long been recognized as a leading specialist in asbestos products and by reason of its unfailing supply of long fibre, high quality Bell Mine Asbestos, is in position to offer packings that will meet every demand.



Style No. 31

A rolled packing, made of metallic Ambler Asbestos cloth treated with a coating of rubber compound. No rubber on outside.

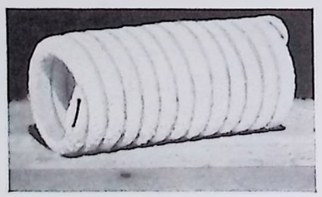
SIZES 3/16" to 3/8"
Furnished also in spirals.



Style No. 42

Made of closely woven plain Ambler Asbestos cloth, treated with rubber compound and wrapped around a central core or cushion of rubber. No rubber on the outside.

SIZES 7/16" up
Furnished also in coils.



Style No. 45

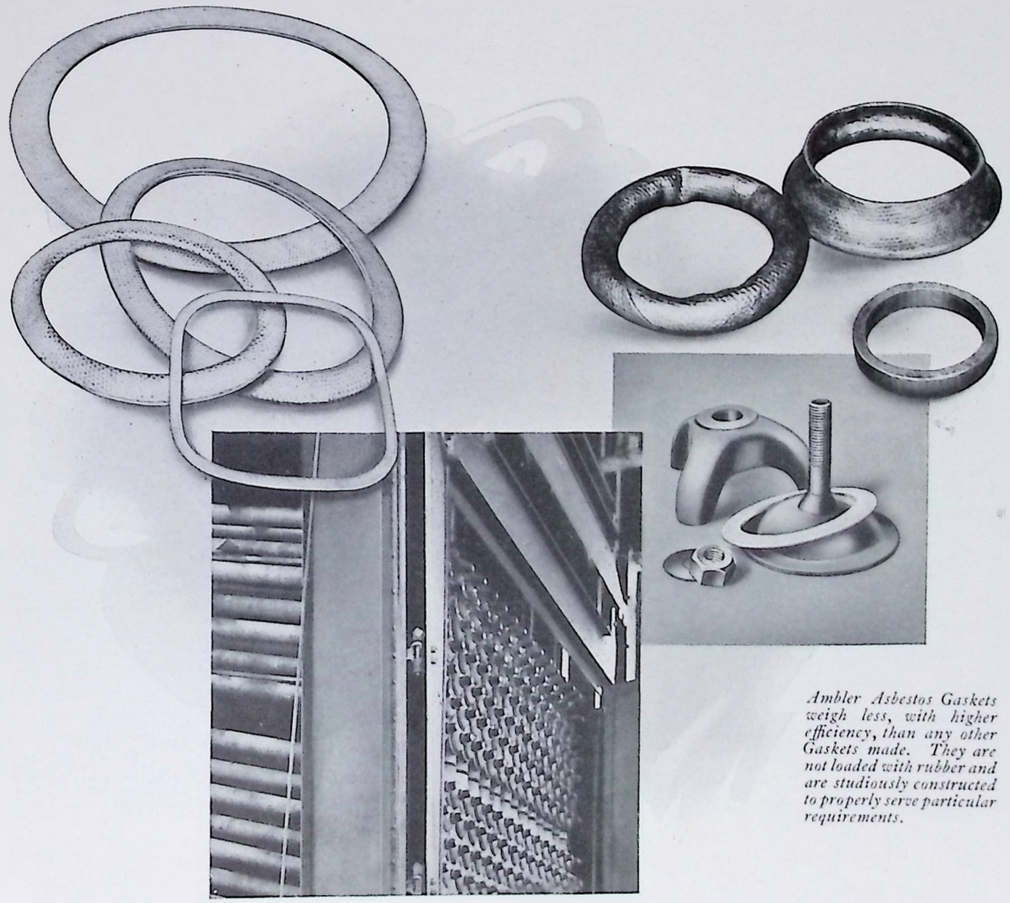
This style is made of plain Ambler Asbestos cloth treated with rubber compound and rolled with a rectangular rubber cushion at one side, with at least two-ply asbestos cloth covering the whole. It is very pliable and owing to the nature of its construction there is a tendency of the packing to flow toward the center with wear. No rubber on the outside.

SIZES 7/16" up
Furnished also in coils.

Ambler Asbestos Gaskets

AMBLER Asbestos Gaskets are made either of wire woven or plain Asbestos Cloth, treated with a special rubber compound, then rolled and pressed into shape. They will withstand the highest modern steam pressure.

The careful construction of these gaskets precludes their blowing out under severe practice, and allows them to be removed and reapplied repeatedly, without loss of efficiency. They are made to any form or size from patterns or templets furnished by the buyer or designed by the factory; plain, graphited, or with special treatment to conform to special requirements. The Keasbey & Mattison Company also manufactures seamless gaskets in all sizes, specially designed to meet the requirements of the best marine engineering pratice.



Ambler Asbestos Gaskets weigh less, with higher efficiency, than any other Gaskets made. They are not loaded with rubber and are studiously constructed to properly serve particular requirements.

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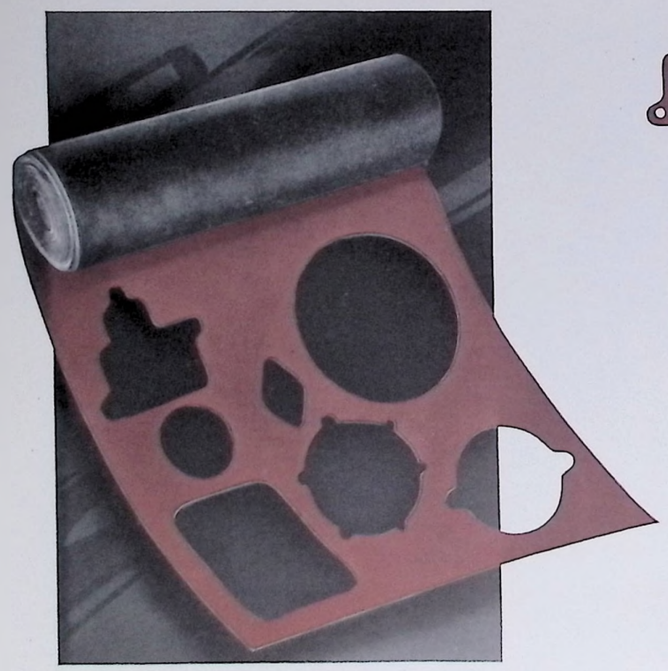
Ambler Woven Asbestos Sheet Packing

AMBLER Asbestos Metallic Sheet Packing is a sheet of woven Asbestos Yarn, each individual strand of which is spun around a brass or copper wire, and waterproofed with a special compound of non-vulcanized Para rubber. It is furnished with red lead on one side to make it adhere to plates and graphited on the other side to permit it to be easily removed from the boiler, or when used between flanges it is graphited on both sides so that it may readily be removed from both of them.

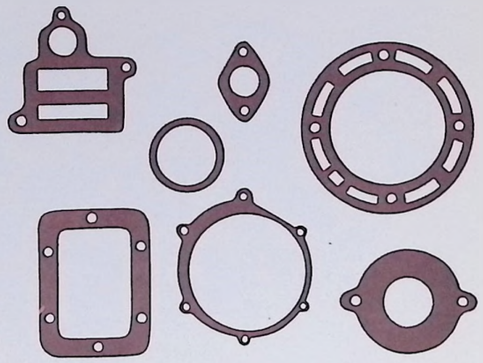
Ambler Asbestos Sheet Packing is designed to meet the highest requirements of modern engineering practice, and is practically indestructible under severe conditions.

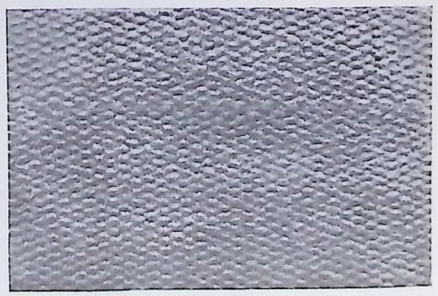
Furnished 250-lb. Rolls, 40″ wide

1/32″	Weighs	approx.	4	lbs.	per	sq.	yd.		1/8″	Weighs	approx.	10	lbs.	per sq. yd.
1/16″	"	"	5	"	"	"	"		3/16″	"	"	14	"	" " "
3/32″	"	"	8	"	"	"	"		1/4″	"	"	19	"	" " "



Above is shown the method of cutting peculiarly-shaped gaskets from Ambler Asbestos Sheet Packing.





This is a "close-up" of the black, or graphited side, of Ambler Asbestos Sheet Packing.

Ambler Compressed Asbestos Sheet Packings

"Rhinoceros"

THIS is a superservice sheet packing for every purpose. It will withstand all pressures and temperatures and hold tight and long against air, water, and superheated as well as saturated steam, oil, gas, acid, alkali—and in fact is superior to any conditions which it may be required to meet. On this account it eliminates the necessity of stocking a variety of sheet packings.

"Rhinoceros" Sheet Packing is made from carded Asbestos, of the longest and strongest fibres, taken from the richest asbestos mines in the world, The Bell Asbestos Mines, and is bonded with a compound that enhances the strength of the Asbestos.



Tensile strength, 7000 lbs. per sq. in.

Thickness	Approx. weight per sheet 40″ x 40″	40″ x 120″
1/32″	3 1/2 lbs.	10 1/2 lbs.
1/16″	7 "	21 "
1/8″	14 "	42 "

Furnished plain or graphited both sides. Note—There is no graphite in the body of the sheet to weaken it by permitting the fibres to part easily.

"Amblerite"

A good sheet packing made from Bell Asbestos Mines fibres to withstand temperature up to 780° F. We are confident that Amblerite surpasses all other compressed sheet packings offered on a price basis.

Sheets, 48″ x 48″ in 1/32″, 1/16″ and 1/8″ thicknesses.

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Ambler Asbestos Paper

AMBLER Asbestos Paper, made in weights of from 2½ pounds to 32 pounds per 100 sq. ft., meets a host of requirements, where fire and heat-resisting qualities are desired; and besides is used as baking sheets when cut to size, and for toasters, table mats, etc. Ambler Asbestos Paper, when corrugated, is used very extensively for the manufacture of boiler and pipe coverings, for household heating systems, etc., and for building and construction lining or heat-resisting paper generally.

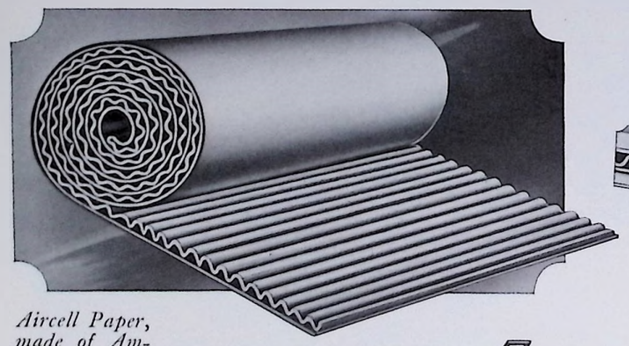
Lbs. per 100 sq. ft.	Thickness	Sq. ft. to lb.	Yds. to roll	Lbs. per 100 sq. ft.	Thickness	Sq. ft. to lb.	Yds. to roll
2.5	.005	40	410	10	.024	10	111
3	.007	33⅓	370	12	.028	8⅓	92
4	.010	25	344	14	.034	7	79
5	.012	20	260	16 or 1/32 in.	.038	6¼	67
6	.015	17	185	32 or 1/16 in.	.063	3⅓	37
7	.016	16	139				
8	.019	13					
9	.021	11					

Heavy Ambler Asbestos Paper

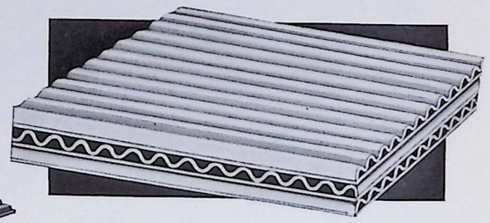
Heavy Ambler Asbestos Paper is made in thickness 3/32″ and 1/8″, 100 pounds to the roll. Where Ambler Asbestos Paper is not heavy enough for the purpose, Heavy Ambler Asbestos Paper is specified.

Ambler Asbestos Fibre Felt

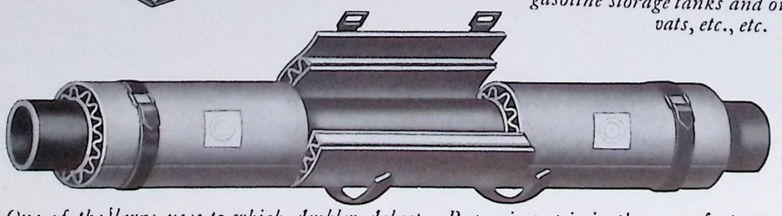
Ambler Asbestos Fibre Felt is made by felting together long Asbestos fibres and binding them into sheet form with a suitable adhesive compound. This felt is used wherever a pliable insulation is required for irregular or odd size surfaces, and meets a large demand for underground conduit and manhole work. Ambler Asbestos Fibre Felt is shipped in rolls 36″ wide and in thickness of 3/32″, 1/4″ and 3/8″.



Aircell Paper, made of Ambler Asbestos Paper and used for heat insulation in a great variety of ways.



Aircell Block, made of Ambler Asbestos Paper and used in insulating boilers, gasoline storage tanks and oil tempering vats, etc., etc.



One of the large uses to which Ambler Asbestos Paper is put is in the manufacture of aircell pipe coverings and insulating materials. Here, as elsewhere, Ambler Asbestos Paper enjoys a well-merited reputation.

Ambler Asbestos Millboard

AMBLER Asbestos Millboard is made in many thicknesses and weights and has a large field where light and cheap fireproofing is required.

Approximate Weight of Ambler Asbestos Millboard

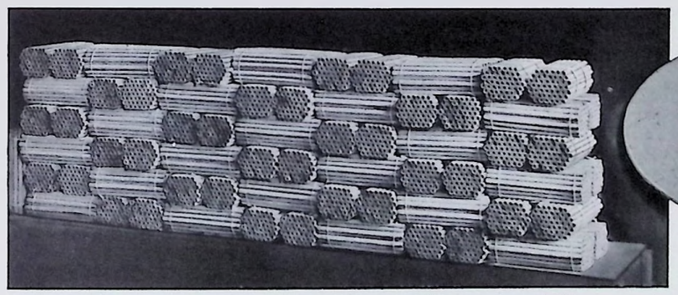
Thickness	Weight per sq. ft.	Per Sheet 42″ x 48″	Thickness	Weight per sq. ft.	Per Sheet 42″ x 48″
1/32″	.18 lbs.	2½ lbs.	3/8″	1.98 lbs.	28 lbs.
1/16″	.36 "	5 "	7/16″	2.34 "	33 "
3/32″	.54 "	7.56 "	1/2″	2.52 "	35 "
1/8″	.72 "	10 "	5/8″	3.33 "	47 "
3/16″	1.08 "	15 "	3/4″	3.96 "	55 "
1/4″	1.44 "	20 "	7/8″	4.68 "	65 "
5/16″	1.8 "	25 "	1″	5.04 "	71 "

Please note the above weights are subject to a tolerance of 20% either way.
Packed in crates, 8″ deep, containing approximately 500 lbs.

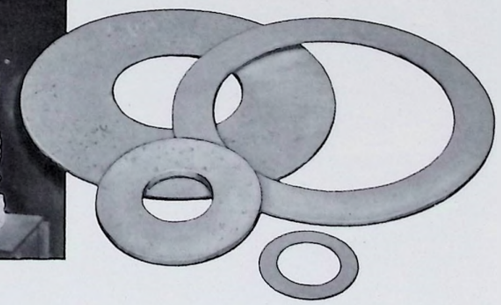
Ambler Asbestos Paper Tubes

Amber Asbestos Paper Tubes, made of rolled Asbestos paper, are much used as an insulator for conveying electric wires and cables through walls, partitions, etc., also used in some forms of electrical equipment as additional insulation.

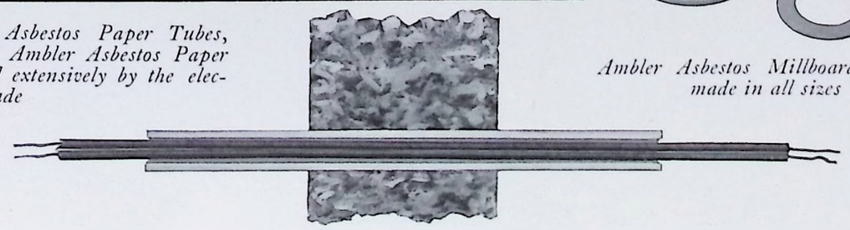
Standard size, inside diameter 3/8″, outside 5/8″, in lengths of 16″ or less, also made to special sizes if desired. Ambler Asbestos Tubes are absolutely uniform, true to size, and the highest grade Asbestos paper tube manufactured.



Ambler Asbestos Paper Tubes, made of Ambler Asbestos Paper are used extensively by the electrical trade



Ambler Asbestos Millboard Gaskets made in all sizes

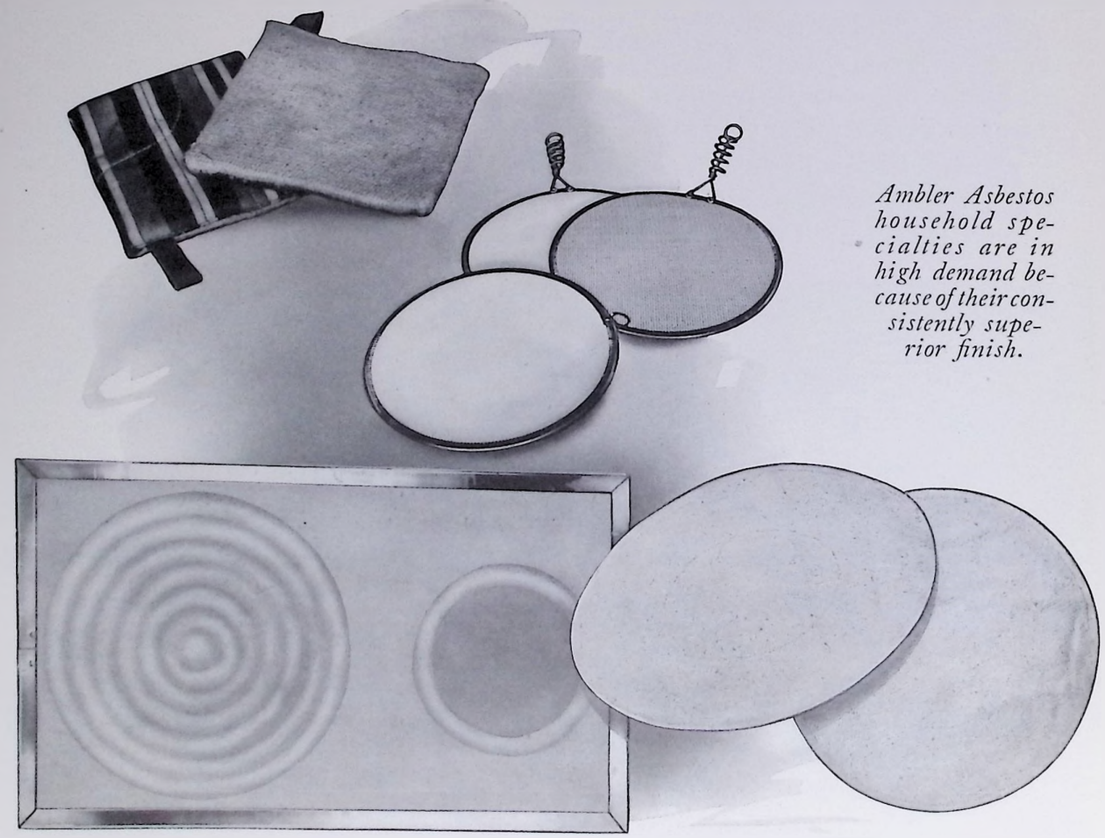


Ambler Asbestos Paper Tubes are very strong and tough. They are far more satisfactory than the more fragile porcelain.

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Ambler Asbestos Household Specialties

AMBLER Asbestos Household Specialties are made of Asbestos Cloth, Asbestos Millboard and Asbestos Paper, and although designed for specific purposes, in reality have a very wide range of usefulness because of their adaptability. Ambler Asbestos Cloth Doilies, as well as Table Mats and Stove Mats, are made round, square or oval in shape, in appropriate sizes. We also make Ambler Asbestos Iron Holders, Ambler Asbestos Toasters, Ambler Asbestos Baking Sheets and Ambler Asbestos Millboard "Sad Iron" Rests, etc.



Ambler Asbestos household specialties are in high demand because of their consistently superior finish.

To The Trade—

If you do not find your particular requirements listed in this brief catalog, we solicit your inquiries.

We are specialists in Asbestos products and offer you the combined advantage of our long experience with the wonderful properties and possibilities of Asbestos and our complete and up-to-date manufacturing facilities.

Do not hesitate to call upon our Engineering Department—it is at your service freely and at all times.

Always remember, we are the makers of the BEST in ASBESTOS and the largest producers of high-grade Asbestos fibres in the World

KEASBEY & MATTISON COMPANY

AMBLER, PENNSYLVANIA, U. S. A.

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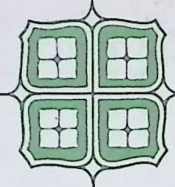
KEASBEY & MATTISON COMPANY

AMBLER PENNA.

Ambler Asbestos Products

ASBESTOS
YARNS, TWINES
ROPE AND WICK
PACKINGS

ASBESTOS
MANTLE THREADS
SEAMLESS AND FOLDED
GASKETS



ASBESTOS
CLOTHS, TWILLS
DIAPHRAGMS
CLOTHING

ASBESTOS
BRAKE BAND LININGS
CLUTCH FACINGS
PAPER

Factory and Main Office, AMBLER, PENNA., U. S. A.

Branch offices located at

Albany, Boston, Baltimore, Buffalo, Chicago, Cincinnati, Cleveland, Columbus, Detroit, Minneapolis, Newark, New York, Philadelphia, Pittsburgh, Providence, St. Paul, Washington, Wilkes-Barre

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