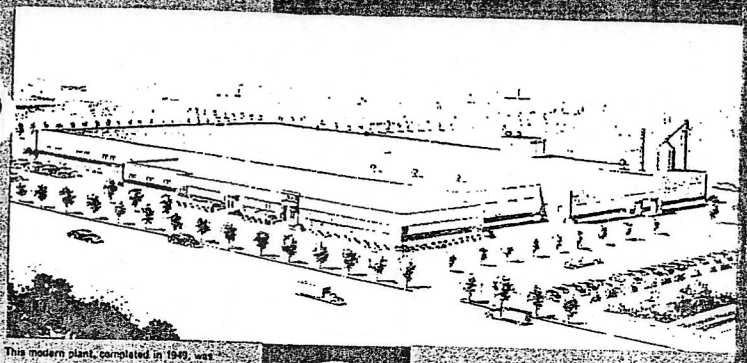
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DATE: 1965

DOC#: AH052

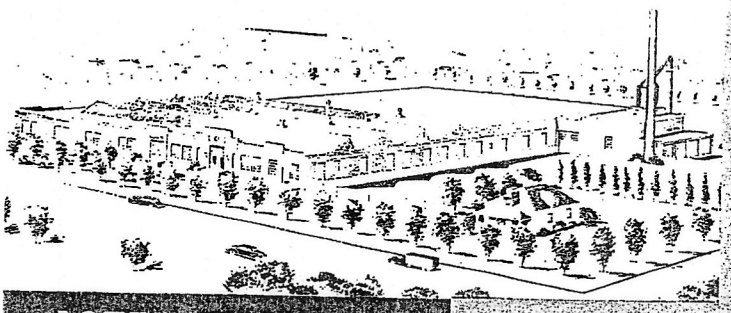
DOCUMENT DESCRIPTION: Product Literature

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PHILADELPHIA, PENNA.



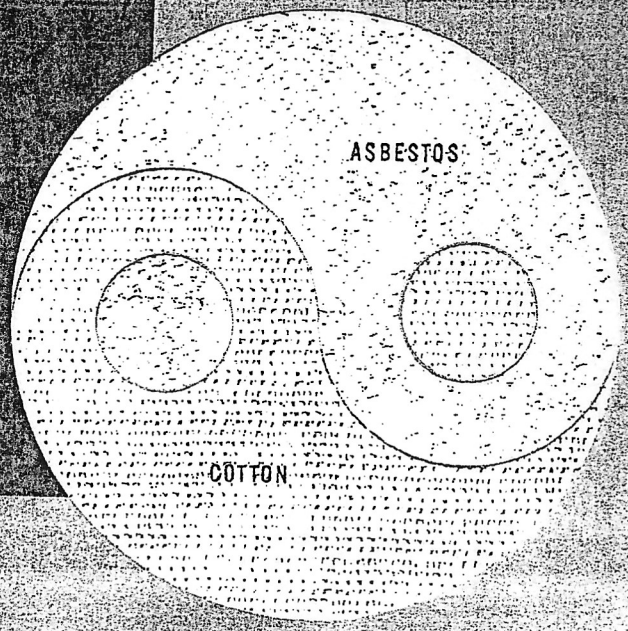
This modern plant, completed in 1949, was specially designed for the manufacture of ASTEN Dryer Felts in Philadelphia.

Plant where ASTEN Felts are made in Canada, together with additions constructed in 1949.



ASTEN-HILL, LTD.
VALLEYFIELD, QUEBEC

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THE WHY AND THE WHEREFORE OF ...

ASTEN

DRYER FELTS

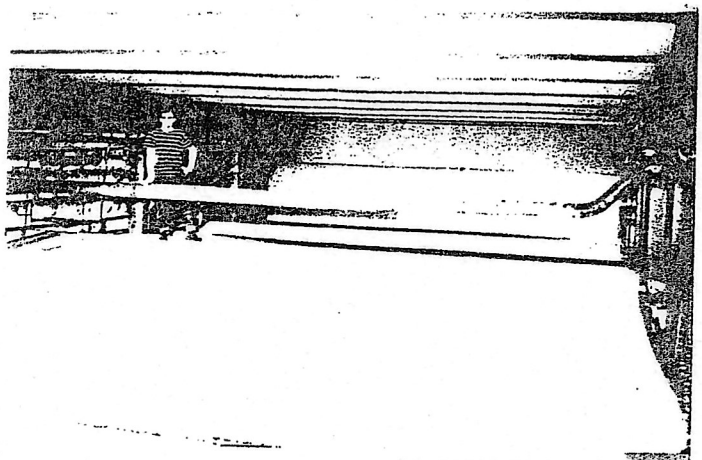


Photo courtesy of The Great Lakes Paper Co., Ltd.

THE ASTEN DRYER FELT is the original patented asbestos dryer felt. It is used in a majority of the paper mills in Canada and the United States. This acceptance of ASTEN Dryer Felts . . . our only product . . . has made us the *"World's Largest Producer of Dryer Felts."*

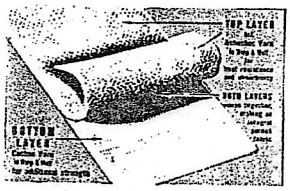
ASTEN Dryer Felts are provided with full protection from the heat of the dryers by means of a complete asbestos surface on the sheet side of the felt, assuring longer life.

Reports from users of ASTEN Dryer Felts and the results of independent laboratory tests indicate that ASTENS are the most porous dryer felts on the market.

Asbestos is more absorbent than cotton, and therefore, since absorbency picks up the moisture from the sheet and porosity lets the moisture escape through the felt, the unique construction of the ASTEN Dryer Felt provides efficient drying as well as long and trouble-free service.

How they are made

The following photograph shows a piece of ASTEN Felt with the two layers specially separated on the loom. *(Since the felt actually is a complete integral fabric, the layers cannot be separated by hand or come apart in service.)* Note that every thread of warp and weft *(both directions)* in the top layer is made of asbestos which, of course, cannot burn. The lower layer is made of finest long-staple cotton to give ample tensile strength.



Various weaves and weights of ASTEN Dryer Felts assure optimum performance under different operating conditions . . . ASTEN Dryer Felts are also preshrunk and stretched; thus, they will not narrow or lengthen to any noticeable extent on the paper machine, yet retain ample elasticity so that they "hug" the dryer face.

How and where they function

ASTEN Dryer Felts are being used in all positions on machines of all widths and speeds and in mills making practically every grade of paper, including fine photographic paper, rag, book, bond, ledger, tissue, cigarette paper, glassine, kraft, wrapping, board and newsprint. It follows that the economies and benefits from ASTENS are not confined to any specific class of papers or machines.

What they do for you

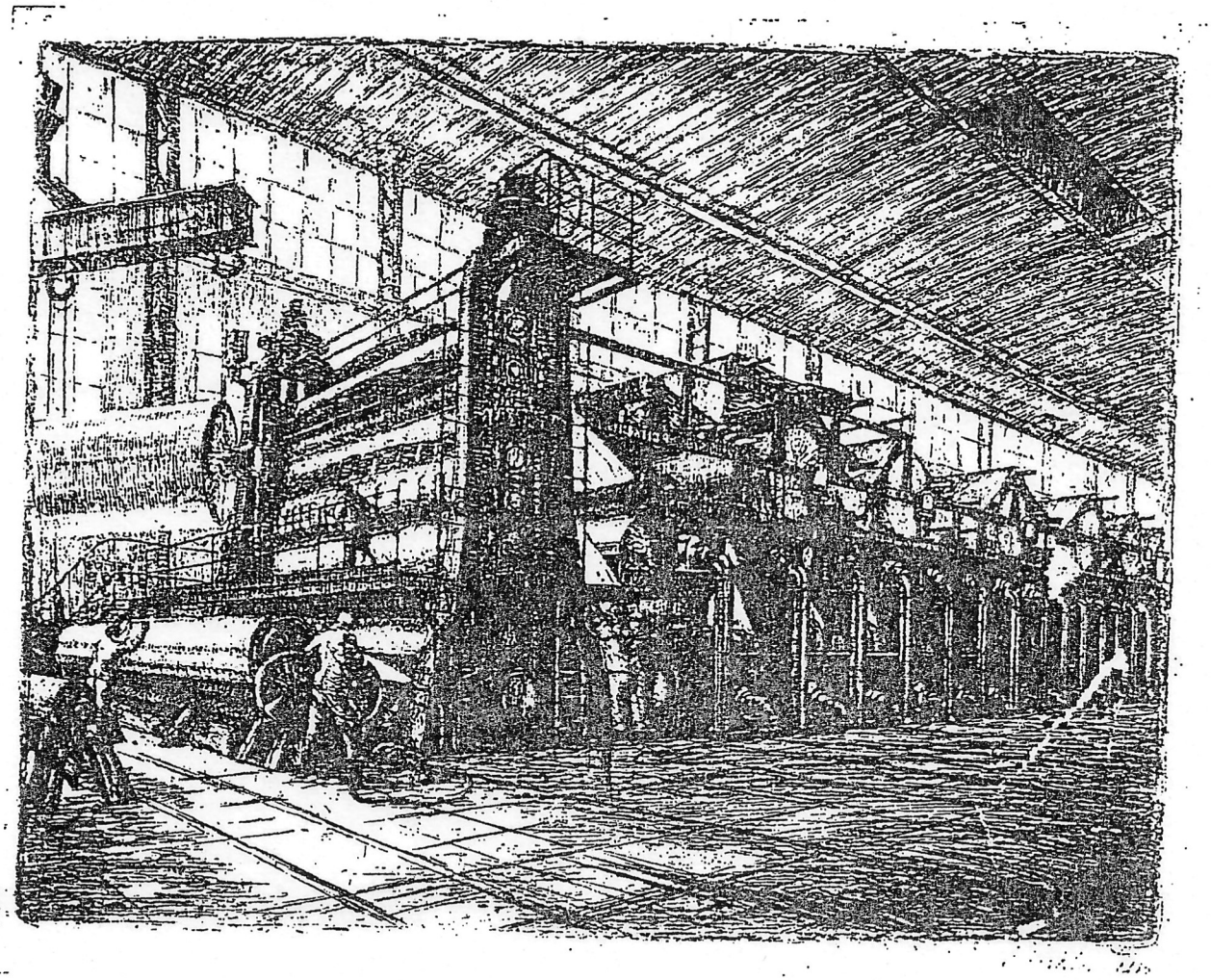
The advantages of ASTEN Dryer Felts naturally vary according to mill conditions. Here is a summary of the results obtained by various types of mills: (1) Low cost per ton of paper dried due to long life; (2) Fewer felt changes; (3) Run straight and true with less attention; (4) Give better finish; (5) Improve cockle conditions; (6) Assure even drying; (7) Increase production; (8) Save steam.

How they are installed

ASTEN Dryer Felts can be joined with any type of seam you are accustomed to using—sewing, riveting, gluing or any combination of these methods. In addition, since they will not lengthen on the machine, they can be joined by means of the original patented clipper seam, of which several different types are available, or they can be supplied woven endless. *(For details, write for our seam booklet.)*

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"Dry End" Original etching by Paul Winkler-Leers from the Asten-Hill collection.

ASTEN DRYER FELTS

All types for all purposes

Asbestos

Synbest®

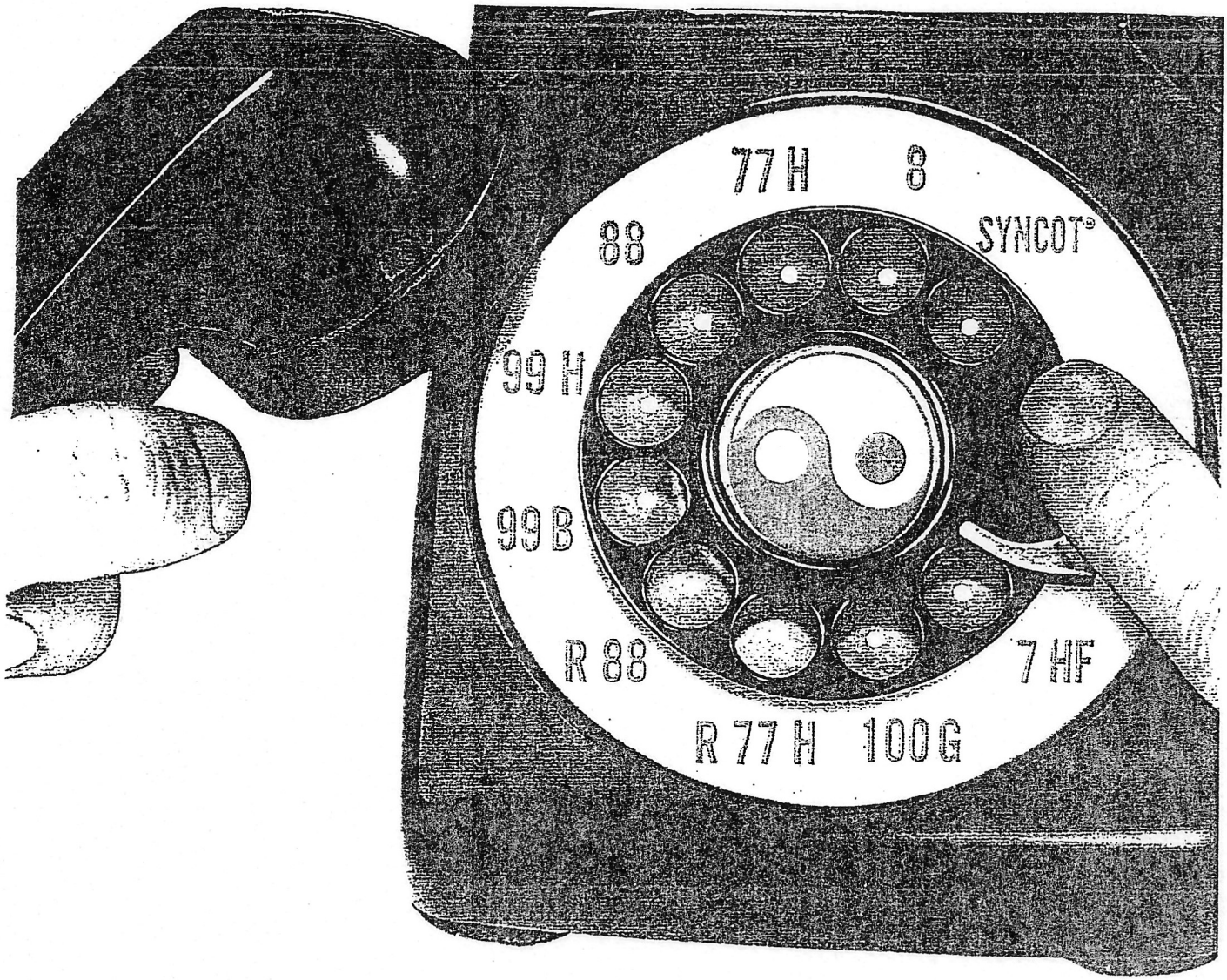
Syncot®

ASTEN-HILL LIMITED, Valleyfield, Quebec

ASTEN-HILL MFG. CO., Philadelphia 29, Pa.
Walterboro, S.C.
Salem, Ore.

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DIAL ASTEN

FOR BETTER DRYER FELT SERVICE

ALL TYPES FOR ALL PURPOSES

SYNBEST®/ SYNCOT®

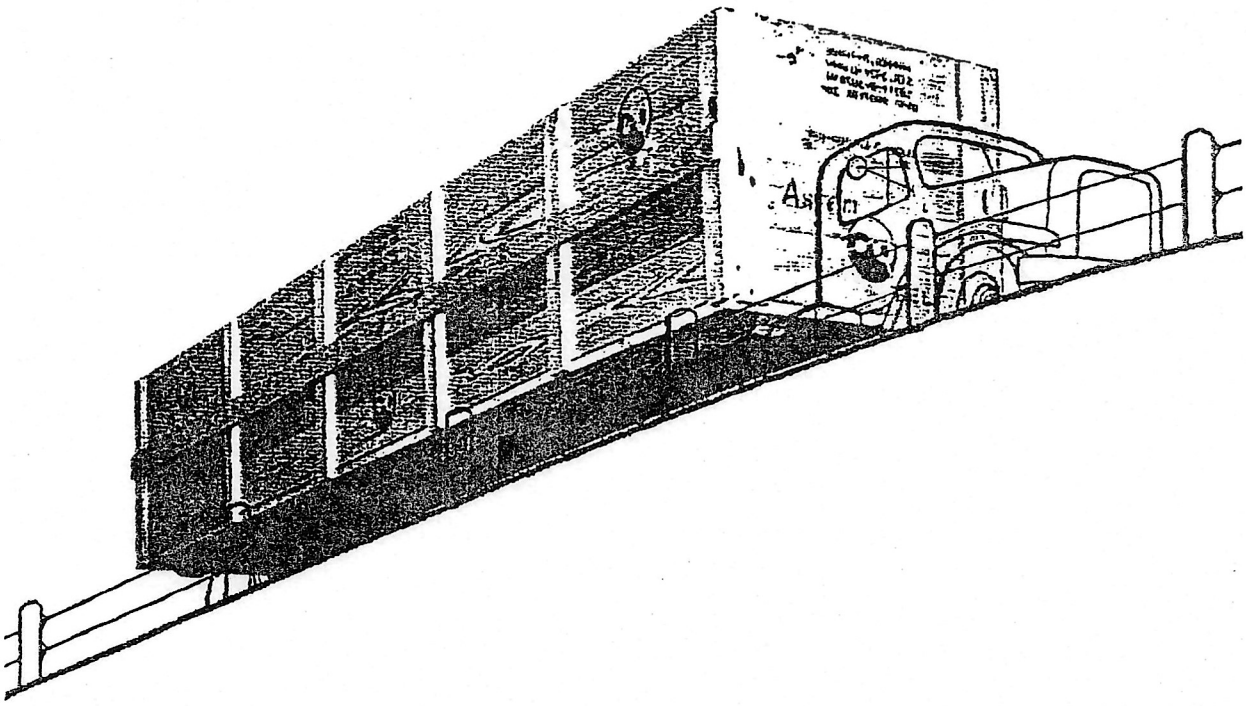
ASBESTOS / SYNTHETIC

"ECONOMY IN THE LONG RUN"

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Salem, Ore.

ASTEN-HILL LIMITED
Valleyfield, Quebec

• FREE SEAM BOOK—Write today for your copy of 28-page book on dryer felt seams.



service
second
to none . . . with four plants
on one continent

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Salem, Ore., 97301

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Eupen, Belgium

ASTEN DO BRASIL S/A
Sao Paulo, Brazil

ASTEN DRYER FELTS

ALL TYPES FOR ALL PURPOSES "ECONOMY IN THE LONG RUN"

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PURCHASES FROM MACHINE CLOTHING MANUFACTURERS
Calendar Year 1959

DRYER CANVAS

Vendor	Antioch	%	Camas	%	Carthage	%
Asten Hill	$38,165	68.2	$126,974	93.8	-	
Brandon Sales	17,834	31.8	-		-	
Wm. E.Hooper & Sons	-		2,218	1.6	-	
Morey Paper Mills(Scapa)	-		-		13,240	61.7
Mt. Vernon Mills,Inc.	-	-	-		8,234	38.3
Williams Gray	-		-		-	
Woodward Baldwin & Co.	-		-		-	
Scapa (direct)	-		6,185	4.6	-	
	$ 55,999	100.0%	$135,377	100.0%	$21,474	100.0

	Lebanon	%	Pt.Angeles	%	Pt.Townsend	%
Asten-Hill	11,819	100%	48,206	40.2	10,804	33.8
Brandon Sales	-		15,881	13.3	2,780	8.7
Wm. E.Hooper & Sons	-		33,954	28.4	-	
Morey Paper Mills(Scapa)	-		-		18,362	57.5
Mt.Vernon Mills,Inc.	-		-		-	
Williams Gray	-		-		-	
I iward Baldwin & Co.	-		-		-	
:pa (direct)	-		21,726	18.1		
	$11,819	100%	$119,767	100.0%	$ 31,946	100.0

	St. Francisville	%	St.Helens	%	West Linn	%
Asten-Hill	36,377	42.3	56,496	66.5	137,704	95.7
Brandon Sales	49,612	57.7	21,725	25.6	-	
Wm. E.Hooper & Sons	-		6,699	7.9	-	
Morey Paper Mills (Scapa)	-		-		-	
Mt. Vernon Mills,Inc.	-		-		-	
Williams Gray	-		-		-	
Woodward Baldwin & Co.	-		-		-	
Scapa (direct)	-		-		6,186	4.3
	$85,989	100%	$84,920	100.0%	$143,890	100.0

	Bogalusa	%	Baltimore	%	Dresden	%
Asten-Hill	107,512	49.2	4,351	60.5	1,951	62.7
Brandon Sales	55,131	25.2	-		511	16.4
Wm.E.Hooper & Sons	7,699	3.5	-		651	20.9
Morey Paper Mills	-		-		-	
Mt.Vernon Mills,Inc.	26,864	12.3	-		-	
Williams Gray	2,355	1.1	-		-	
Woodward Baldwin & Co.	-		403	5.6	-	
Scapa (direct)	18,930	8.7	2,435	33.9	-	
	$ 218,491	100.0%	$ 7,189	100.0%	$ 3,113	100.0

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PURCHASES FROM MACHINE CLOTHING MANUFACTURERS

CALENDAR YEAR 1967

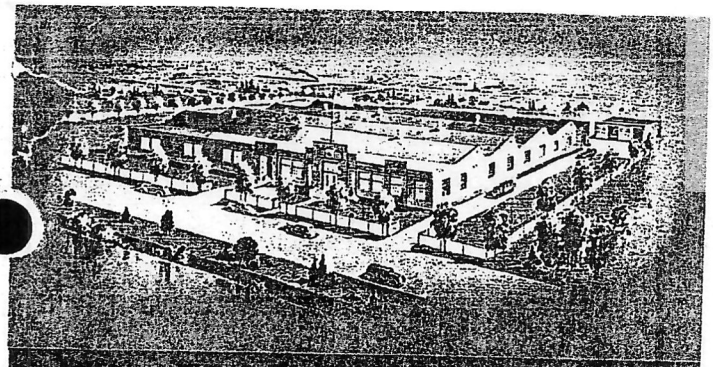
DRYER FELTS

VENDOR	ANTIOCH	%	CAMAS	%	CARTHAGE	%	LEBANON	%	PORT ANGELES	%	WAUNA	%
Asten-Hill	28,900	30	93,200	38	3,000	16	6,600	52	31,100	31	119,000	57
Ayers Dominion	-	-	-	-	1,600	9	-	-	-	-	-	-
Brandon Sales	27,200	29	69,500	28	-	-	-	-	-	-	33,000	17
Wm. E. Hooper (Mt. Vernon Mills)	22,300	22	4,600	2	-	-	4,000	32	26,600	26	-	-
Scapa Dryers	18,500	19	73,500	29	14,200	75	-	-	43,800	43	56,800	26
Formex Company	-	-	7,800	3	-	-	2,100	16	-	-	-	-
Totals	$96,900	100%	$248,600	100%	$18,800	100%	$12,700	100%	$101,500	100%	$208,800	100%
1966 Totals	$70,800		$291,600		$18,600		$16,200		$91,500		$41,600	

VENDOR	ST. FRANCISVILLE	%	WEST LINN	%	BOGALUSA	%	BALTIMORE	%	PORT TOWNSEND	%
Albany Felt Co. (Nordiska)	-	-	-	-	-	-	-	-	-	-
Asten-Hill	209,100	63	103,700	71	68,000	33	2,000	36	-	-
Brandon Sales	92,600	28	-	-	47,000	23	1,700	31	4,700	20
W. E. Hooper (Mt. Vernon Mills)	-	-	17,400	12	-	-	1,800	33	7,500	32
Scapa Dryers	31,400	9	25,500	17	56,000	28	-	-	11,300	48
Williams-Gray Company	-	-	-	-	24,000	12	-	-	-	-
Woodward-Baldwin & Company	-	-	-	-	-	-	-	-	-	-
Formex Company	-	-	-	-	8,000	4	-	-	-	-
Totals	$333,100	100%	$146,600	100%	$203,000	100%	$ 5,500	100%	$23,500	100%
1966 Totals	$176,900		$135,300		$229,200		$ 2,900		$57,100	

T. J. Wilson:ems
HHB, FHB, AWS, JAS, AGV, File (2)
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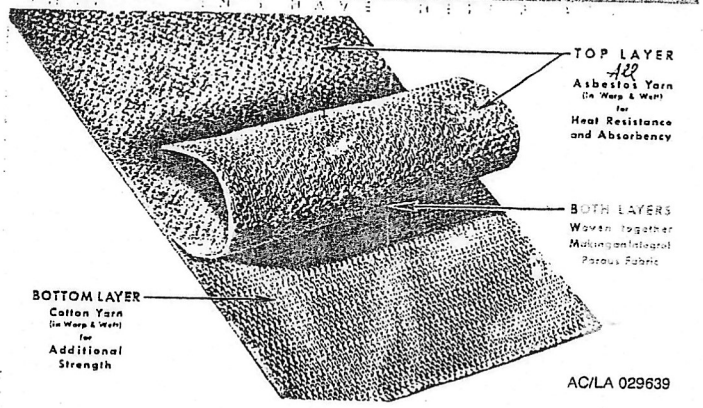
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ASTEN DRYER FELTS



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