

HAIDEX BRAKE PRODUCTS

FEB 22 '99 10:48

FROM PAUL MYERS

TO 2034527951

PAGE.001

Haldex

Brake Systems

FAX COVER SHEET

0 PAGES ENCLOSED

TO: GIL

FROM: PAUL A. MYERS

SUBJECT: TAMM HUTTING OFFICE WAS MOVED

THE ADDRESS IS NOW

HALDEX BRAKE SYSTEMS

10930 NORTH POMONA AVE.

KANSAS CITY, MO 64153

(PHONE (816) 891-2470

Haldex Brake Products Corporation

Friction Products Division
Research and Development

HD Application Office
1119 Ridgeway Drive
Crawfordsville, IN 47933

Phone: (765) 361-0750
Fax: (765) 361-0760

** TOTAL PAGE.001 **

FMSI 14257

TELEPHONE (203) 452-1877
FAX (203) 452-7951

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

588 MONROE TURNPIKE

MONROE, CT 06468

January 4, 1999

Mr. Paul Myers
Haldex Brake Products Corp.
Friction Products Division
1119 Ridgeway Drive
Crawfordsville, IN 47933

Dear Paul:

Enclosed is a copy of invoice number 8465. Please note that this invoice is six months old. Perhaps it has been overlooked.

Your attention to this invoice is appreciated. Thank you for your assistance.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE


G. N. Laycock
Executive Director

GNL:ld
Enclosure

FMSI 14258

APR 07 '98 08:30

FROM PAUL MYERS

TO 2034527951

PAGE.001

MIDLAND-GRAU
HEAVY DUTY SYSTEMS

FAX MESSAGE FROM PAUL A. MYERS

0

MORE PAGES INCLUDED

TO GIL

REMARKS:

OUR NEW COMPANY NAME IS:

HALDEX BRAKE PRODUCTS CORP.

FRICTION PRODUCTS DIVISION

FRICTION MATERIALS RESEARCH AND DEVELOPMENT

HEAVY DUTY FRICTION APPLICATION OFFICE

1119 RIDGEWAY DRIVE, CRAWFORDSVILLE, IN 47633

(765)381-0750 - FAX (765)381-0760

** TOTAL PAGE.001 **

HEAVY DUTY//**FRICTION GROUP**

RESEARCH & DEVELOPMENT CENTER

Date: April 14, 1994
File: PM-054-4

To: Distribution.

From: Paul A. Myers

Subject: Address Change

Effective April 25, 1994, my address and phone numbers will be as follows. Please change you records as required.

Paul A. Myers
1119 Ridgeway Drive
Crawfordsville, IN 47933

My office phone number will continue to be (317)361-0750. However, my fax will be on a different line, (317)361-0760.

Thank you:



Paul A. Myers

HEAVY DUTY//**FRICTION GROUP™**

RESEARCH & DEVELOPMENT CENTER

October 26, 1993

Friction Materials Standards Inst.
588 Monreo Turnpike
Monreo, CT 06468

Effective October 1, 1993, my office address became;

Paul A. Myers
401 Hawthorn Drive
Crawfordsville, IN 47933

Phone, Answering Machine and Fax: (317)361-0750

With the completion of construction in about 5 months, the address will change again. The phone number should remain the same.

If you are unable to reach me at any time, please call our R & D Center at (205)365-2145 extension 253.

Sincerely:



Paul A. Myers
Chief Application Engineer

11/4/93

Haldex**Brake Systems**DATE:
FILE:March 13, 2000
PM-007-0

Friction Materials Standards Institute
588 Monroe Turnpike
Monroe, CT 06468

Attention: Gil Laycock

Subject: Haldex Representation

Dear Gil

Please change our official delegate to:

Brent Armentrout
629 Copperfield Ln.
Tipp City, OH 45371

Phone: (937)335-2287
Fax: (937)335-3821

I am retiring April 30, 2000 and the whole month of April will be vacation. This makes
my final workday March 31, 2000

Please start communicating directly with Brent.

Sincerely:

Paul A. Myers – Chief Application Engineer.
cc: B. Armentrout

Haldex Brake Products Corporation

Friction Products Division
Research and Development
210 Western Blvd.
Montgomery, AL 36108

HD Application Office
1119 Ridgeway Drive
Crawfordsville, IN 47933
Phone (765)361-0750
Fax (765)361-0760



Certificate No. 10212

FMSI 14262

HEAVY DUTY//**FRICTION GROUP**

RESEARCH & DEVELOPMENT CENTER

January 18, 1992

Friction Materials
Standards Institute, Inc.
588 Monroe Tpke.
Monroe, Ct 06468

Attn: Gil Laycock

Prints

Please send me by mail copies of the following Brake Block and segment drawings.

1259 2140T 2140AT 4560

Also, I note my new address was not used for the last two mailings. Please change your mailing lists to address listed below.

Thank You:

Paul A. Myers
Paul A. Myers
18 Farmbrook Ct.
Danville, IN 46122

Address Change

cc: E. Buchmann
File:pm-006-3

Phone - ??

done 1/20/92

HEAVY DUTY//**FRICTION GROUP**™

April 3, 1992

Mr. Gil Laycock
Friction Materials Standards Institute
588 Monroe Turnpike
Monroe, CT 06468

Dear Gil:

Per our phone conversation, Paul Myers will be the new delegate for Midland-Grau Heavy Duty Friction, since I am obviously not moving to Alabama (or anywhere else).

Paul is located at the

Heavy Duty Service Center
2101 North Montcalm
Indianapolis, IN 46202

Telephone (317) 634-8944

I sent him the information on the Annual Meeting at LaQuinta. Unfortunately, Midland won't let me go.

Since I will obviously stay in this field, I would appreciate receiving any information regarding legislation or significant changes.

I have really enjoyed the association that I have had with you and FMSI; and, hopefully this association will be renewed shortly.

Sincerely,



Edward R. Kaufman
6 Jefferson Lane
Andover, MA 01810

MEMODATE: JUNE 3/92
TIME:**FROM THE****OF:****FAX**NAME GEORGE BUTTCOMPANY MIDLAND GRAU-HD SYSTEMS ECHLIN CANADA INC.HOME
FAX (705) 742-8429HOME
PHONE (705) 742-1466**TO:**

NAME

G. LAYCOCK.

COMPANY

FMSI

ADDRESS

CITY

MONROE

STATE

ZIP

FAX

203-452-7951

PHONE

MESSAGE:COULD YOU PLEASE
MAIL ME COPIES OF FMSI DRAWINGS
FOR 4690 AND 4692?THANKS.GEORGE.MY ADDRESS IS:41 ROPER DR.PETERBORO ONTARIOK9J6K3.

Transmitting a total of _____ pages including this page. If you do not receive all the pages, please contact us immediately.

☐ PLEASE CONFIRM RECEIPT OF THIS FAX BY ☐ PHONE ☐ FAX.

FMSI 14265

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

588 MONROE TURNPIKE
MONROE, CT 06468

February 1, 1991

Mr. Ed Kaufman
Heavy Duty Friction Group
17 Shepard Street
Lawrence, MA 01843

Dear Ed:

Enclosed are copies of drilled plates for assemblies which are O.E. integrally molded. The drawings are from ITT, Certified and Capital Tool. They are:

<u>FMS</u>	<u>SOURCE</u>
D215 - I & O	ITT
D289 - I	Certified
D289 - O (D190-O)	ITT
D368 - I & O	Capital
D369 - I & O	Capital

The copies above are from what we have on file. Each plate manufacturer may have their own versions of each identify which may or may not be the same. At this time we do not have complete files of all the riveted plates from all the plate manufacturers. If you wish to pursue this approach I suggest that you contact each plate manufacture directly to obtain the latest drawings.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE


G. N. Laycock
Executive Director

GNL:ld
Enclosures

TELEPHONE (203) 452-1877
FAX (203) 452-7951

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

588 MONROE TURNPIKE
MONROE, CT 06468

September 18, 1990

Heavy Duty Friction Group
1720 Friction Drive
Prattville, AL 36067

Attention: Kathy Lannon

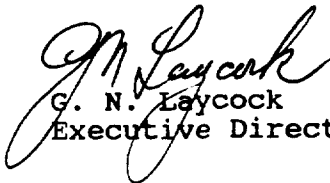
In order for the Institute to finalize our accounts with Tweddle Litho Company, printers of our 1990 Automotive Data Book all invoices must be paid. We received from them copies of all open invoices.

We noted an error in the invoice which was sent to Prattville Manufacturing Company which is still open. By now you should have received a revised invoice from Tweddle Litho Company correcting the error.

We would appreciate your efforts to see that the invoice is paid as soon as possible as the original invoice is now over two and one half months old.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE


G. N. Laycock
Executive Director

GNL:ld

cc: J. Curran - Tweddle Litho Co.

FMSI 14267

SEP 07 '90 11:02

INVOICE

286 P02

JO JOE
Curran

TWEDDLE LITHO COMPANY

24000 HARPER AVENUE • ST. CLAIR SHORES, MICHIGAN 48060 • (313) 371-3300
FAX (313) 771-0311

SOLD TO

Prattville Manufacturing, Inc.
101 Echlin Boulevard
Prattville, AL 36067
Attn: Accounts Payable

INVOICE NO. C-3668-14

DATE June 29, 1990

CUSTOMER'S ORDER NO. P.O. #9608HD
Req. No. R 13400
TERMS - 30 DAYS NET

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
2,500	1990 AUTOMOTIVE DATA BOOK		
	Freight	1,178.00/M	\$4,220 50
			357 77
		TOTAL	\$4,578 27

$2,500 \times 1,178 = 2,945,000$
 $2,945,000 + 357.77 = 2,945,357.77$
2,945,357.77
 $2,945,357.77 \div 7 = 420,765.395$
420,765.395
 @ 1.178 per unit = Tweddle Litho Co

FMSI 14268



October 26, 1989

Friction Materials Standards Institute, Inc.
Bergen Mall Office Center
E. 210 Route 4
Paramus, NJ 07652

To Whom It May Concern:

Please be advised that any correspondence addressed to Ms. Suzanne DeCotis, who was a former Customer Service Representative with Friction Materials, Inc., should be directed to my attention (see attached). This is effective immediately. Please update your records to reflect this change.

Thanking you in advance for your assistance in this matter.

Very truly yours,

FRICTION MATERIALS, INC.

Sandra Medina
Customer Service Representative

SM/mdp

Attachment

*Changed
10/31*

*Name
change*

Ms. Suzanne DeCotis
Friction Materials Inc.
17 Shepard Street
Lawrence, MA 01842



Brake Technology
FRICTION PRODUCTS

File # 100-100000

cl 4/25

March 31, 1989

ERK-032-89

Mr. Edward Drislane
Friction Materials Standards Institute, Inc.
Bergen Mall Office Center
E-210 Route #4
Paramus, NJ 07652

Dear Ed:

Over the last two years, we have had a number of customer complaints regarding bond failures on FMSI #7808 (7142) -D225. This is one of the medium/heavy duty hydraulic disc brakes used on some GMC, Chevy trucks and buses, as well as IHC (Navistar) buses. The problem we have seen is isolated to the bus application. Since we only market these parts, and have purchased them from a variety of sources, the failures have come from a variety of manufacturers. The problem seems to be vehicle or application-related rather than material-related, in that the same compound in other similar part numbers does not seem to have this problem.

In talking to several manufacturers, it appears that this problem is real and does not just occur with our customers. In fact, I have attached a copy of a letter from the Minnesota DOT regarding this exact problem.

I would like to know if you can contact the other brake lining manufacturers to determine if they have experienced the same type of bond failures with this part. If so, would it be advisable to bring this situation to the attention of the SAE Brake Committee for further investigation?

Sincerely,

Edward R. Kaufman
Director - Product Engineering & Research

ERK/mer

cc: Philip Dougherty - FDP, Inc.
Robert Nelson - SAE Brake Committee Chairman





Brake Technology

December 9, 1988

Mr. Edward Drislane
Friction Materials Standards Institute, Inc.
Bergen Mall Office Center
East 210 Route #3
Paramus, NJ 07652

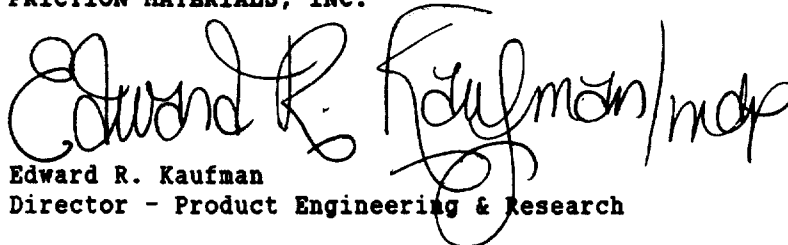
Dear Ed:

Per our conversation of December 8, 1988, I have attached copies of blueprints from Dexter Axle for 12 1/4 x 4 and 12 1/4 x 5 brake blocks. The 5" block does not have an FMSI designation.

Please let me know when you have a designation for this part number.

Sincerely,

FRICITION MATERIALS, INC.


Edward R. Kaufman
Director - Product Engineering & Research

ERK/ndp

CC: Pat Healey
Carl Walker

Attachments

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

December 14, 1988

Mr. Ed Kaufman
Friction Materials Inc.
17 Shepard Street
Lawrence, MA 01842

Dear Ed:

This is in reply to your letter of December 9, 1988 where you enclosed copies of prints for 12-1/4 x 5 and 12-1/4 x 4 blocks. I will need two assignments for these as the 12-1/4 x 5 also has different drilling than the other blocks in the 4661 series (4661, 4661A, and 4661B which was cancelled). The new assignments will be:

FMSI 4661C	12-1/4 x 5
4700	12-1/4 x 4

Thank you for this information. It will appear in a forthcoming DATA BOOK BULLETIN.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

INSIDE

$$573 \begin{array}{r} +.000 \\ - .010 \\ \hline \end{array}$$

25

~~1.500~~

30005008

A

LATEST PRINT
as of

1987

PHILIPS INDUSTRIES INC.

4503072

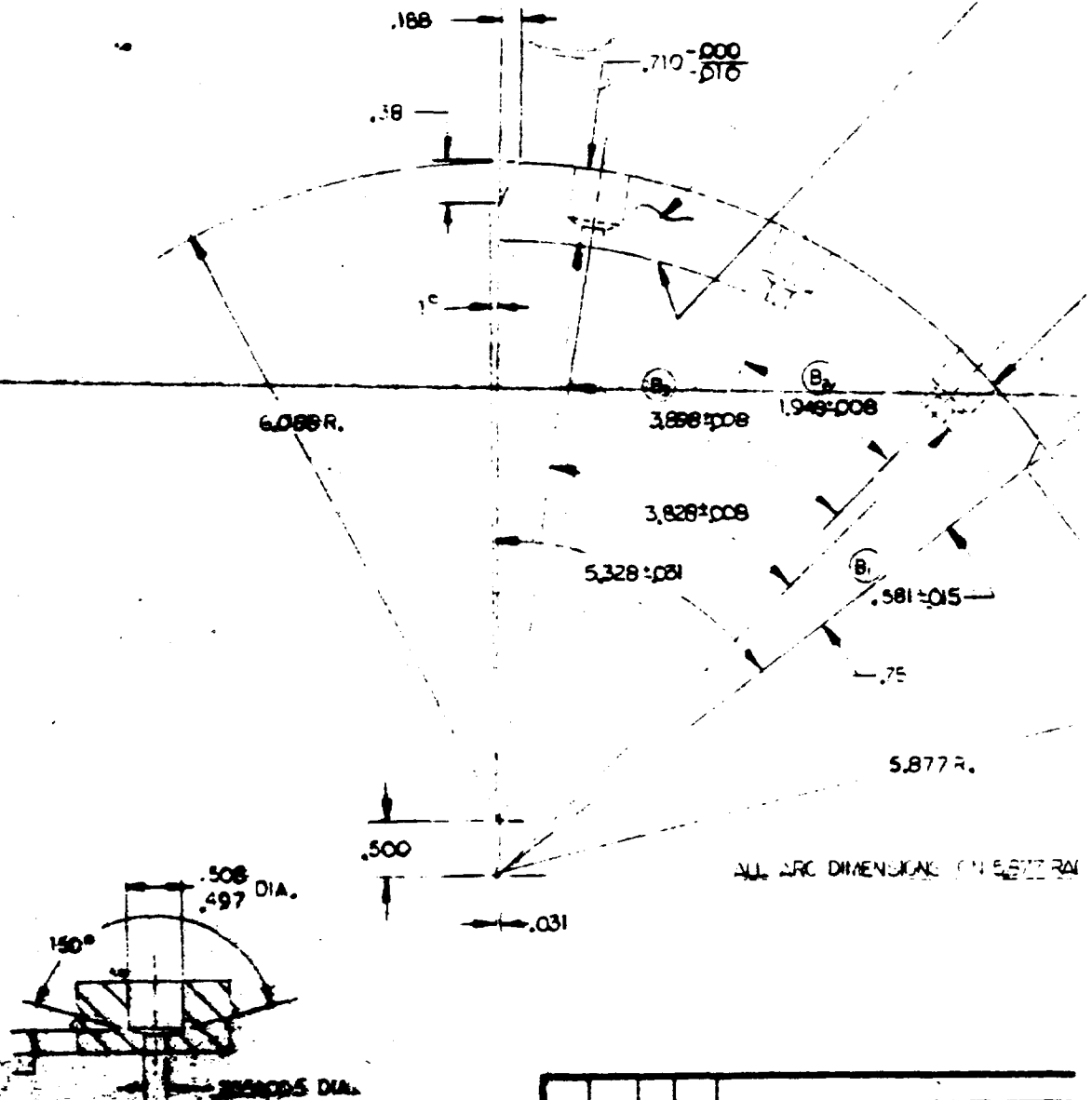
NC

FOIA, b7C EXEMPTION, has claims proprietary rights in the information itself. It is agreed that any one of Specifications sets design concepts down in CONFIDENTIALITY, with the specific understanding that neither this Drawing or any it thereof will be disclosed to others or used by the recipient of information or give the article or part shown herein without prior written consent of Feltco, Inc.

[illegible]

MARK VENDOR CODE AND DATE OF MANUFACTURE

MARK PART NO., FRICTION CODE AND "CAM" ON
SIDE OF LINING



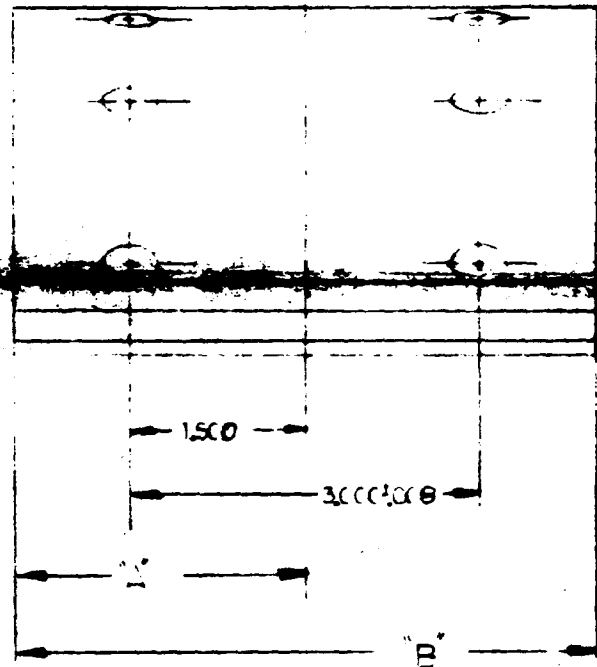
UNDERWIDE

PART NO.	*A*	*B*
41-53-1	250	5.00 * 1.35
41-52-1	200	4.00 * 1.35

APPROVED COMPOUNDS

1. MC-45

06 FRICTION COEFF.



RECEIVED

Jan 15 1966

P. I. INC.

Philips Industries Inc. reserves the right to change the design of this product without notice and without obligation to those who have purchased the product.

LATEST PRINT

as of

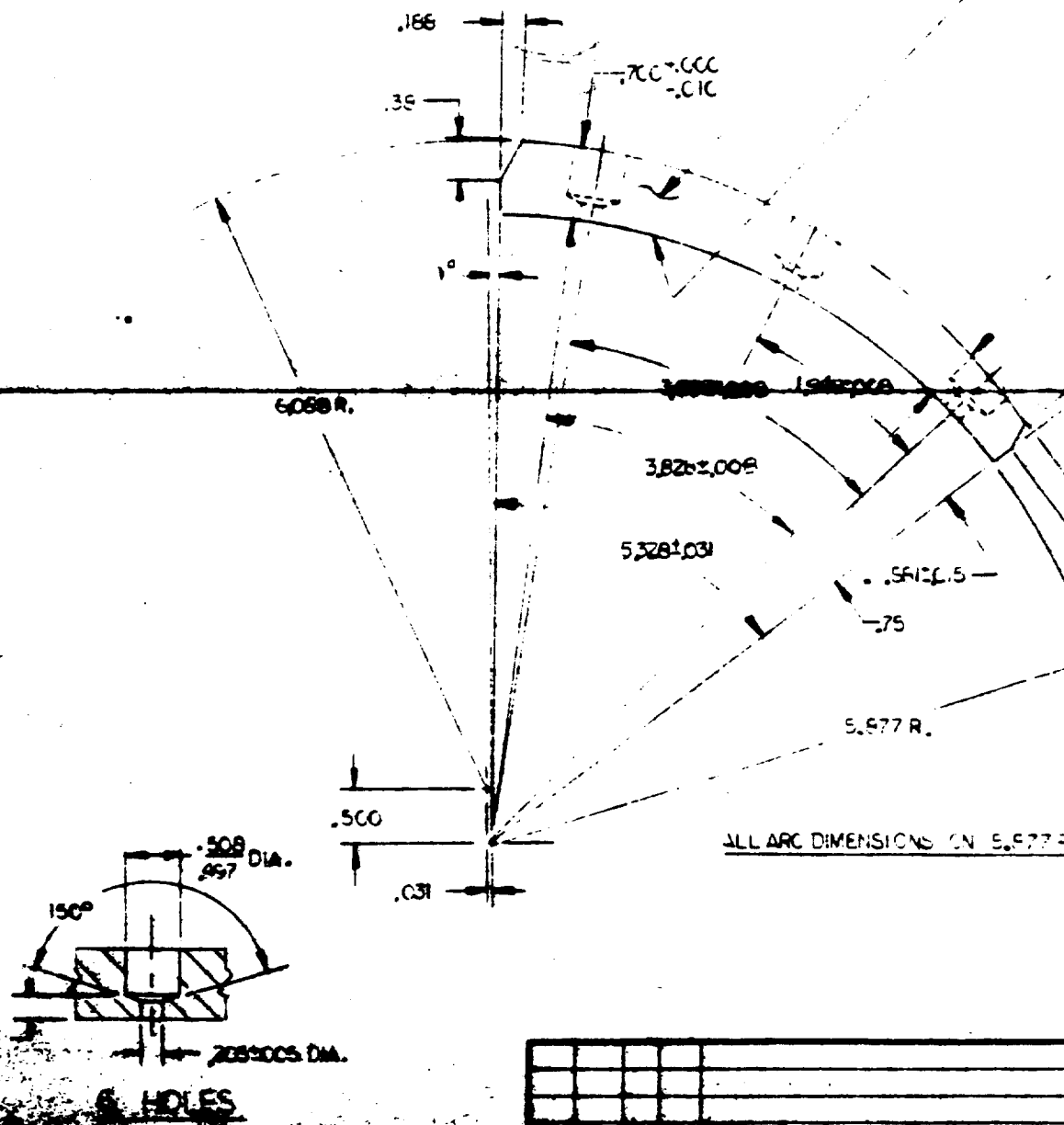
NOV 12 1967

PHILIPS INDUSTRIES INC.

✓

MARK VENDOR CODE AND DATE OF MANUFACTURE

MARK PART NO., FRICTION CODE AND ANCHOR CODE
ONE SIDE OF BLOCK



HEAVY DUTY//**FRICTION GROUP**

December 1, 1988

Mr. Ed Drislane
Executive Director
Friction Materials Standards Institute
East 210 Route #4
Paramus, NJ 07652

Subject: Delegate Changes

Dear Ed:

Please be advised that our delegates are to be changed from Steven Doyle, with Edward Kaufman as alternate delegate, to Paul Myers with Carl Walker as alternate. Please update your current records to reflect these changes.

Should you have any questions, please do not hesitate to contact me. Thanking you in advance for your assistance in this matter.

Very truly yours,

HEAVY DUTY FRICTION GROUP


Melissa D. Pritchard
Sales & Marketing Secretary

CC: Paul Myers
Carl Walker
Rod Richardson
Ed Kaufman

*Put on mailing, list for D & A
(Keep Ed Kaufman - D)
Put 16 days - A)*



September 23, 1988

Mr. Ed Drislane
Executive Director
Friction Materials Standards Institute, Inc.
East 210 Route 4
Paramus, NJ 07652

Subject: Delegate Update

Dear Ed:

Please be advised that as of October 1, 1988, Mr. Steven Doyle will be resigning from his position as Vice President of Sales & Marketing of Friction Materials, Inc. His successor's name is Rod Richardson. It will be necessary to update your records to reflect this change.

Thanking you in advance for your assistance in this matter.

Sincerely,

FRICTION MATERIALS, INC.



Melissa D. Pritchard
Secretary, Sales & Marketing

CC: Rod Richardson

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

December 15, 1987

Mr. Ed Kaufman
Friction Materials Inc.
17 Shepard St.
Lawrence, MA 01842

Dear Ed:

I am enclosing drawings which I believe cover the FMSI 7019 and 7019A subject. They are:

- EXHIBIT 1 - FMSI 7019 (Original undrilled bond-molded lining for Chrysler Corp. pass cars)
- EXHIBIT 2 - FMSI 7019A (Original drilled lining for Dodge Truck models)
- EXHIBIT 3 - FMS D86 Steel (Original undrilled steel for Chrysler Corp. pass cars - 7019)
- EXHIBIT 4 - FMS D123 Steel (Original drilled steel for Dodge Trucks - 7019A)
- EXHIBIT 5 - Aimco D86 steel (A non original equipment design by Aimco for drilled attachment of the original 7019 lining. The drill pattern was used in the aftermarket but was never an FMSI release)

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

FRICTION MATERIALS INC

TELEPHONE (201) 845-0440

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

November 6, 1987

Mr. R. J. Bracali
Tweddle Litho Company
24000 Harper Avenue
St. Clair Shores, MI 48080

Dear Ron:

Would you please make a shipment of 1,000 copies of our 1983 Brake Block Identification Catalog (This is the old catalog with the black cover) to:

Friction Materials Inc.
17 Shepard Street
Lawrence, MA 01842

Re 12-15-87

Mark the cartons P.O. 03410
Ship by United Parcel Service prepaid

The only question here is: How many catalogs do you now have per carton? If it's 180, or 190 or 200 or 210 or 220, ship 5 cartons. If it's some other count, please give me a call.

In any event, when the shipment is made, tell me the number of cartons, the date shipped and the UPS charges.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

(H)

FMSI 14280

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

E-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Friction Materials, Inc.
17 Shepard Street
Lawrence, MA 01842

SHIPPED TO

Same

Attn.: Nancy Donahue

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
11-13-87	11-09-87	United Parcel	P.O. 03410	St. Clair, MI	Net	005315	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
1,050	1983 Brake Block Identification Catalogs (Catalog 832)					\$.28 ea	\$294.00
	UPS Charges from St. Clair Shores, MI:						38.40
	Total:						\$332.40
Shipment of 5 cartons, each with 210 catalogs. Ordered by phone by Nancy Donahue 11-6-87.							

Item # NV-R75 - Wheeler Group Inc.



Brake Technology
FRICTION PRODUCTS

Friction Materials Inc

October 26, 1987

1987-ERK-181

Mr. Edward Drislane
Friction Materials Standards Institute, Inc.
Bergen Mall Office Center
E-210 Route #4
Paramus, New Jersey 07652

Dear Ed:

Per our conversation, I have attached a copy of the EPA letter regarding Kevlar emissions.

Rich Gould of DuPont said that other companies have also received this letter and questionnaire. It appears that the EPA is looking for some background data on asbestos substitute materials.

I would like to know if all brake lining manufacturers got this letter or a different one regarding other fibers.

Very truly yours,

Edward R. Kaufman
Director - Product Engineering & Research

ERK/mer

Enclosure

B Pigs 10/28!
All FM info sent
Kevlar letter.
Also, per of other
NAB files were
sent letters.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

OCT 19 1987

Mr. Edward Kaufman
Director, Product Engineering and Research
Friction Materials, Incorporated
17 Shepard Street
Lawrence, Massachusetts 01842

Dear Mr. Kaufman:

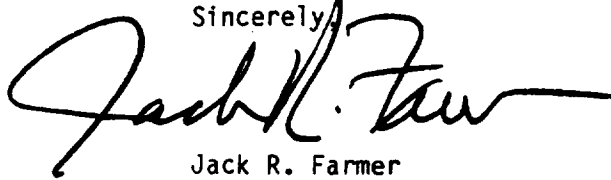
The U.S. Environmental Protection Agency (EPA) is studying non-asbestos asbestiform minerals and those materials which may be asbestos substitutes as potential hazardous air pollutants under Section 112 of the Clean Air Act. Kevlar has been identified as a potential asbestos substitute and has morphology and size dimensions similar to asbestos. A preliminary assessment of emission and source characteristics combined with known health effects has indicated the potential for public exposure to levels of Kevlar which affect health. As a result, the EPA is gathering additional information on Kevlar that will be used to further evaluate production, emissions, and exposure. Based on the results of this evaluation and other information, the EPA will make a decision as to whether regulatory development is warranted.

This letter is to request information about process and fugitive Kevlar fiber emissions for the Kevlar friction products plant(s) located in Lawrence, Massachusetts. The list of questions is found in Enclosure 1. We are sensitive to the amount of labor required to respond to this request; therefore, we have limited the request to those data necessary for our study. We do not expect you to generate any new data or perform process or emission testing to complete this request. Also, you may respond "not applicable" to questions that do not apply to your plant(s). Some of the information obtained may be shared with the EPA's Office of Toxic Substances (OTS) for use in their industry project(s) concerning durable fibers.

The authority for EPA's information gathering is included in Section 114 of the Clean Air Act (42 U.S.C 7414). Enclosure 2 contains a summary of this authority. If you believe that disclosure of information we request would reveal a trade secret, you should clearly identify each specific item as discussed in the enclosure. Any information subsequently determined to constitute a trade secret will be protected under 18 U.S.C. 1905. If no claim of confidentiality accompanies the information when it is received by the EPA, it may be made available to the public by the EPA without further notice (40 CFR Part 2.203, September 1, 1976). All emission data, however, will be available to the public. Enclosure 3 summarizes Agency and Emission Standards and Engineering Division policies and procedures for handling privileged information.

If you have any questions regarding this request or are unable to provide responses to the enclosed questions by December 15, 1987, please contact Mr. William Maxwell at (919) 541-5430.

Sincerely,

A handwritten signature in black ink, appearing to read "Jack R. Farmer". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Jack R. Farmer
Director
Emission Standards and
Engineering Division

3 Enclosures

cc: S. Russell Sylva, Commissioner
Massachusetts Division of Air Quality Control

John Hanisch, Acting Chief
State Air Programs Branch, EPA Region I



Brake Technology
FRICTION PRODUCTS

August 20, 1987

Mr. Edward Drislane
Director
FRICTION MATERIALS STANDARDS INSTITUTE, INC.
East 210, Route 4
Paramus, NJ 07652

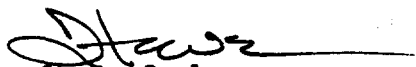
Dear Ed:

Can you provide me with any information dealing with friability and how that effects disposal concerns by our customers?

Thank you.

Regards,

BRAKE TECHNOLOGY/FMI


Steven Doyle
Vice President, Sales & Marketing

SD/lw



FRICION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

August 27, 1987

Mr. Steven Doyle
Friction Materials Inc.
17 Shepard Street
Lawrence, MA 01842

Dear Steve:

This is in reply to your letter of August 20, 1987 on friability and disposal of materials by your customers. To be most direct, I have no information in this area.

Subject to local or state ordinances, I believe that disposal of waste materials in sealed plastic bags with the required Danger label is meant to take care of any friable nature of used friction products - per the advertisement in the Asbestos Control and Technology catalog, copy attached.

I'm sorry but I am unable to help.

Sincerely,

FRICION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director



Brake Technology
FRICTION PRODUCTS

July 2, 1987

Mr. E.W. Drislane
FRICTION MATERIALS STANDARDS INSTITUTE, INC.
East 210 Route 4
Paramus, NJ 07652

Dear Ed:

I am enclosing a copy of the print for the Neoplan buses. I have two questions: (1) Has FMSI assigned a part number to these?; (2) Do you read German?

Kindest regards,

BRAKE TECHNOLOGY/FMI

Steven Doyle
Vice President, Sales & Marketing

SD/lw

1. White Neoplan
2. FMSI



FRICTION MATERIALS STANDARDS INSTITUTE, INC.
BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

July 14, 1987

Mr. Steven Doyle
Friction Materials, Inc.
17 Shepard Street
Lawrence, MA 01842

Dear Steve:

This is to reply to your letter of July 2, 198 concerning the blocks on the Neoplan buses. We did not have an FMSI assignment for the blocks on which you sent me prints. However, we will now be making our assignment of FMSI 4699 for these blocks. That assignment will be in the next DATA BOOK BULLETIN that we print - later this Summer.

On the second question - No. But it looks like a "Bremsbelag" to me.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

May 20, 1987

Mr. Ed Kaufman
Friction Materials, Inc.
17 Shepard Street
Lawrence, MA 01842

Dear Ed:

I received a check in amount of \$30 in the mail today. While I assume it is for meeting registration for 3 people, there was nothing with the check as to registration. Enclosed is a copy of the check and the attached voucher.

Could you please check into this. I need the registration information shown on the form: arrival and departure, name(s), golf?, name tag information, etc.

I tried calling 617-686-0020 this afternoon but could not reach anyone.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

PS: If it is not for the meeting, could you tell me what the check is for. Thanks. Ed D

VENDOR #	INVOICE DATE	INVOICE NUMBER	INVOICE AMOUNT	DISCOUNTS & DEDUCTIONS	NET AMOUNT
38500	VENDOR FRICTION MATERIALS 5/11/87	051187	30.00	CHECK DATE	5/15/87 30.00
52401			30.00		30.00

FRICTION MATERIALS, INC. 17 SHEPARD ST., LAWRENCE, MA 01842

FRICTION MATERIALS, INC.

17 SHEPARD ST., LAWRENCE, MA 01842

64-124
611

No. P 052401

VOUCHER NO.

TO THE COMPANY BANK
FOR DEPOSIT ONLY
NO CASH PAYMENTS

DATE

5/15/87

PAY EXACTLY *****00 DOLLARS 00 CENTS

PAY EXACTLY

*****30.00

016
007
C
FRICTION MATERIALS
STANDARDS INSTITUTE
E-210 ROUTE 4
PARANUS, NEW JERSEY
07652

FRICTION MATERIALS, INC.

Thomas M. M...
AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

⑈052401⑈ ⑆061101249⑆ 8800596424⑈

NEW MEMBER CHECK LIST

Name and Address: Friction Materials, Inc.
17 Shepard St.
Lawrence, MA 01842

Attn.: Steven Doyle

Type of Membership: Active File folder color: Green

	<u>Initials</u>	<u>Date</u>
1. Write letter advising new Member of acceptance	<u>Cud</u>	<u>JAN 13 1987</u>
2. Set up ledger card for new Member in Accounts Receivable	<u>Cud</u>	<u>JAN 13 1987</u>
3. Make up file folder for new Member with index tab	<u>SL</u>	<u>JAN 20 1987</u>
4. Add name and address for new Member on address label matrix	<u>Cud</u>	<u>JAN 13 1987</u>
5. Add name and address for new Member in appropriate Data Book and Shoe Bulletin matrix	<u>Cud</u>	<u>JAN 13 1987</u>
6. Post prints to be mailed with new bulletins to mailing chart	<u>Cud</u>	<u>JAN 13 1987</u>
7. File appropriate correspondence on gaining Membership in file folder or ballot folder	<u>SL</u>	<u>JAN 20 1987</u>
8. Advise Membership of acceptance of new Member	<u>Cud</u>	<u>4/7/87</u>

Phone Call from Jim Bennett 1-20-87:

Friction Materials, Inc. (Lawrence, MA)(=FMI) is operating as a separate entity, at least until now. Carmen Matti of FMSI reports to John Geffen, of Grey-Rock-Lipe, the Heavy Duty end of the Echlin Brake.

There was a heavy duty section to P.T. which is now FMI. Auto Friction was the light duty. This became the Hugo Schwarz unit (Interfriction?). This will be separate. Auto Friction made both disc pads and drum linings.

He states there is the possibility that FMI will be closed and its equipment and some personnel transferred to other operating units.

He will give me more information as it becomes available.

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

January 13, 1987

Mr. Steven Doyle
Friction Materials, Inc.
17 Shepard Street
Lawrence, MA 01842

Dear Steve:

I now have sufficient ballots returned by the Membership approving the Friction Materials Inc. application for Active Membership. The application was first approved by the Membership Committee and then by the Board of Directors. I did not get the ballots out to the full Membership until December 24. Approval required two thirds of those balloting to approve, and we have approval of 80%.

Friction Materials, Inc. is now an Active Member of the Institute, and has permission for use of the copyrighted materials and the FMS and FMSI trademarks in marketing its friction materials. I will add your name and that of Ed Kaufman to our mailing list for technical bulletins and general Institute information.

However, there is a problem that came up during the balloting and I would like your help in resolving it. One Director, while voting for approval of this application, qualified his vote because your company is a fully owned subsidiary of Echlin Corporation, and Echlin in turn is the parent of another Active Member - Brake Systems, Inc. The question was whether two companies, both related could have separate Active Memberships in the Institute. While I welcome the two Memberships for the fee income involved, it would appear that Echlin Corporation, if it held the Membership directly, could reduce its Membership Fee charges in half. In other words, both Brake Systems, Inc. and Friction Materials, Inc. are paying Membership Dues to the Institute where, if the Membership were in Echlin's name, one Membership would suffice. While I understand that Friction Materials, Inc. is a fully owned subsidiary of Echlin, and I am aware that Brake Systems is owned by Echlin, I do not know whether those that make the decisions at Echlin wish two separate Memberships or not.

Our review of the Constitution shows no language barring two affiliated corporations from having separate memberships. I will be writing a similar letter to Mr. Jim Bennett, the Delegate from Brake Systems, Inc. Should Echlin opt for the one Membership, we will make a partial refund of the prepayment of the Membership Fee paid with the application. If there is to be

one Member and one fee, Echlin Corporation (the parent) must be the Member.
I would appreciate your comments on this question.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/dr

FRICION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

November 25, 1986

Mr. Steven Doyle
Friction Materials, Inc.
17 Shepard St.
Lawrence, MA 01842

Dear Steve:

This is to acknowledge receipt of your letter of November 20, 1986 along with the application for Membership in the Institute. As you are probably aware, this must be routed through the Institute's Membership Committee and the Board of Directors, before being balloted by the Membership. It may take upwards of 8 weeks - particularly with the Holiday Season coming up.

If Friction Materials, Inc. needs certain items from FMSI in the interim, please call me, or you can have Nancy Donahue call. When the balloting is complete, I will let you know.

Sincerely,

FRICION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director



Brake Technology
FRICTION PRODUCTS

November 20, 1986

Mr. E.W. Drislane
Executive Director
F.M.S.I.
Bergen Mall Office Center
E. 210 Route 4
Paramus, NJ 07652

Dear Ed:

I have enclosed our application for membership in F.M.S.I. I believe that you are aware of the fact that Friction Materials, Inc. purchased, in a creditor sale, certain assets of P.T. Brake Lining Co., Brake Technology Co., Inc., and Auto Friction, but not the receivables or the liabilities. Friction Materials, Inc. was officially established on October 17, 1986 as a wholly-owned subsidiary of Echlin. Thank you for processing our application.

Kindest personal regards,

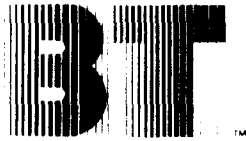
FRICTION MATERIALS, INC.

Steven Doyle
Vice President, Sales & Marketing

SD/mdp

Enclosures

cc: Carol DiPietro
Carmen Matti



Brake Technology

Friction Products

October 17, 1986

Gentlemen:

This letter is to advise you that on October 17, 1986, Friction Materials, Inc., a wholly owned subsidiary of Echlin Inc., acquired certain assets of Brake Technology Co., Inc., P.T. Brake Lining Company, Inc., and the Auto Friction Corp. These assets were purchased from an assignee of the secured creditors. The assets were acquired by the secured creditors, the United States Trust Company, Boston, MA, and the Arlington Trust Company, Lawrence, MA, under a secured party sale.

Friction Materials, Inc., would like to point out that it has not assumed any of the liabilities or obligations of Brake Technology Co., Inc., P.T. Brake Lining Company, Inc., and Auto Friction Corp.

Friction Materials, Inc., will offer to the customers of Brake Technology Co., Inc., P.T. Brake Lining Company, Inc., and Auto Friction Corp. the products previously sold to them by these former companies.

Please be assured that Friction Materials, Inc., is dedicated to serving its customers and will provide quality products and superior service.

To our suppliers, we look forward to a new and mutually beneficial relationship.

Should you have any questions, please feel free to call me directly.

Sincerely yours,

FRICITION MATERIALS, INC.

Carmen J. Matti
Carmen J. Matti
President

CJM/cd

Friction Materials, Inc., Lawrence Industrial Park, Lawrence, MA 01842 • (617) 686-0020

FMSI 14297

A P P L I C A T I O N F O R M E M B E R S H I P

TO THE BOARD OF DIRECTORS OF
FRICTION MATERIALS STANDARDS INSTITUTE, INC.

Gentlemen:

The undersigned hereby applies for membership in the FRICTION MATERIALS STANDARDS INSTITUTE, INC., as an Active Member, and certifies to the following:

1. Name of Applicant: Friction Materials, Inc.
2. State of Incorporation: Massachusetts
3. Principal Office: 17 Shepard Street, Lawrence, MA 01842
4. Date of Incorporation: September 11, 1986
5. Length of time dealing with friction materials: 30 Days
6. Do you manufacture friction materials from the basic materials or do you buy partially finished products from other companies? Yes, we manufacture friction materials, as well as buying partially finished products from other companies.
7. Type of friction materials manufactured, and approximate annual capacity of plant (Pieces or Tons): Annual Capacity: Brake Blocks : 6,800,000 pieces;
Pucks: 12,000,000 pieces
8. State approximate amount of said materials now manufactured in commercial quantities (Pieces or Tons): Brake Blocks: 3,000,000 pieces; Pucks : 12,000,000 pcs.
9. Is the distribution of your product national, international or local or in how many states? International
10. Do you list the materials you manufacture in catalogs or in some other form? If so, please furnish us with a copy of same: Yes, we do. A copy is attached for your perusal.
11. Reference as to financial strength in relation to operations (Assets, Liabilities and Gross Sales, or Bank Reference): N/A

12. Is plant owned by applicant or leased? Leased

The undersigned hereby acknowledges receipt of a copy of the Constitution and By-Laws of the Institute and agrees that, if elected to membership, it will accept and be bound by the said Constitution and By-Laws, together with any amendments that may from time to time be made thereto.

The undersigned hereby designates Steven Doyle
as its delegate and Ed Kaufman as its alternate
delegate, to represent it at any meeting of the membership.

By: 
(Signature)
Carmen J. Matti, President
(Please Print or Type Name, Title)
Company: Friction Materials, Inc.

VENDOR #	INVOICE DATE	INVOICE NUMBER	INVOICE AMOUNT	DISCOUNTS & DEDUCTIONS	NET AMOUNT
338500	VENDOR FRICTION MATERIALS 11/14/86 11/17/86	BACKBALDUE BACKBALDUE	1,353.25 5,443.94	CHECK DATE	11/21/86 1,353.25 5,443.94
50237			6,797.19		6,797.19

FRICTION MATERIALS, INC. 17 SHEPARD ST., LAWRENCE, MA 01842

FRICTION MATERIALS, INC.

17 SHEPARD ST., LAWRENCE, MA 01842

64-124
611

No. P 050237

VOUCHER NO.

T TRUST COMPANY BANK
ATLANTA, GEORGIA OR
TRUST COMPANY BANK
OF COBB COUNTY, N.A.

DATE

11/21/86

PAY EXACTLY *****6,797 DOLLARS 19 CENTS

PAY EXACTLY

*****6,797.19

TO THE
ORDER
OF:

FRICTION MATERIALS
STANDARDS INSTITUTE
E-210 ROUTE 4
PARAMUS, NEW JERSEY
07652

FRICTION MATERIALS, INC.

Gregg C. Ford
AUTHORIZED SIGNATURE

AUTHORIZED SIGNATURE

⑈050237⑈ ⑆061101249⑆ 8800596424⑈

Rec'd 11/25/86

INVOICE NUMBER	INVOICE DATE	INVOICE NUMBER	CHECK DATE	INVOICE DATE
338500	VENDOR FRICTION MATERIALS 11/13/86	APP FEE	2,550.00	11/14/86 2,550.00
50179			2,550.00	2,550.00

FRICTION MATERIALS, INC. 17 SHEPARD ST., LAWRENCE, MA 01842

FRICTION MATERIALS, INC. 17 SHEPARD ST., LAWRENCE, MA 01842		64-124 611
TRUST COMPANY BANK ATLANTA, GEORGIA OR TRUST COMPANY BANK OF COBB COUNTY, N.A.	No. P 050178 VOUCHER NO.	
DATE 11/14/86	PAY EXACTLY *****2,550 DOLLARS 00 CENTS	PAY EXACTLY *****2,550.00
TO THE ORDER OF FRICTION MATERIALS STANDARDS INSTITUTE E-210 ROUTE 4 PARAMUS, NEW JERSEY 07652	FRICTION MATERIALS, INC.  AUTHORIZED SIGNATURE	
		AUTHORIZED SIGNATURE

⑈050178⑈ ⑆061101249⑆ 8800596424⑈

APPLICATION FOR MEMBERSHIP

TO THE BOARD OF DIRECTORS OF
FRICTION MATERIALS STANDARDS INSTITUTE, INC.

Gentlemen:

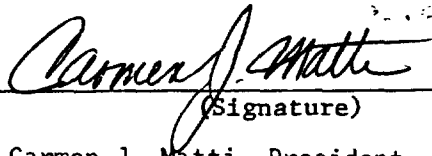
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2. State of Incorporation: Massachusetts
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Pucks: 12,000,000 pieces
8. State approximate amount of said materials now manufactured in commercial quantities (Pieces or Tons): Brake Blocks: 3,000,000 pieces; Pucks : 12,000,000 pcs.
9. Is the distribution of your product national, international or local or in how many states? International
10. Do you list the materials you manufacture in catalogs or in some other form? If so, please furnish us with a copy of same: Yes, we do. A copy is attached for your perusal.
11. Reference as to financial strength in relation to operations (Assets, Liabilities and Gross Sales, or Bank Reference): N/A

12. Is plant owned by applicant or leased? Leased

The undersigned hereby acknowledges receipt of a copy of the Constitution and By-Laws of the Institute and agrees that, if elected to membership, it will accept and be bound by the said Constitution and By-Laws, together with any amendments that may from time to time be made thereto.

The undersigned hereby designates Steven Doyle
as its delegate and Ed Kaufman as its alternate
delegate, to represent it at any meeting of the membership.

By: 
(Signature)
Carmen J. Matti, President
(Please Print or Type Name, Title)
Company: Friction Materials, Inc.

Memo from ...

Ed Kaufman

QIL -

PLEASE CHANGE
THE NAME OF
OUR MEMBERSHIP
FROM FRICTION MATERIALS
INC TO READY DUTY
FRICTION GROUP. I
AM THE DELEGATE
AND PAT HEALEY IS
THE ALTERNATE
ED