

LONFLEX (BRAZIL)

LONAFLEX

TELEPHONE (201) 845-0440

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

March 27, 1984

Fras-Le, S.A.
Sarmiento Leite, 488
P.O. Box 234
95100 Caxias do Sul - RS
Brazil

Attn.: Sr. Loamy P. de Carvalho, Export Sales Executive

Gentlemen:

This is to reply to your letter of March 14, 1984, concerning Lonaflex, S.A. of Osasco, Sao Paulo, Brazil.

Based on your statement that Fras-Le, S.A. and Lonaflex, S.A. are part of the same Group, and Lonaflex, S.A. is a wholly-owned subsidiary of Fras-Le, S.A., we agree that Lonaflex, S.A. is permitted to use the Institute's services without further payment of the Membership Fee. All participation by both Fras-Le and Lonaflex will be under the Fras-Le, S.A. Membership. The fees paid by Fras-Le will cover the Lonaflex participation.

However, all mailings and contacts must be handled by the parent organization, Fras-Le. We will continue mailing information and catalogs and prints as ordered through Fras-Le only. We will discontinue our mailings to Lonaflex, and ask that any print or catalog requests be made through Fras-Le only.

This arrangement is permitted based on the fact that Lonaflex is a wholly-owned subsidiary of Fras-Le. Any change in that ownership or relationship between Lonaflex and Fras-Le would have to be evaluated based on the facts at that time.

Would you please convey this information to the principals of the Lonaflex organization.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

FMSI 10968



Caxias do Sul, March 14, 1984.
DEXPO -0296/84

FMSI, INC.
E. 210 Route 4
Paramus, N. J., 07652
USA

Attn.: Mr. Ed Drislane

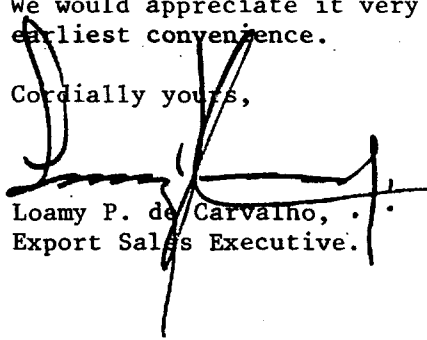
Gentlemen:

Our company, as a member of the FMSI, has been paying the respective fees, being, therefore, entitled to use your reference numbers as cross references to our products as well as to make use of all the services offered by the Institute. This has proven to be highly helpful in marketing our products abroad.

LONAFLEX S/A, located at Avenida dos Autonomistas, 896, Osasco, São Paulo, and FRAS-LE S/A are part of the same Group, LONAFLEX being a wholly-owned subsidiary of FRAS-LE. Kindly inform whether or not LONAFLEX is allowed to make use of your services as well, without having to make any further payments. In other words, since both Companies are part of the same Group, can both make use of these services by only one paying the required fees?

We would appreciate it very much receiving your reply at your earliest convenience.

Cordially yours,


Loamy P. de Carvalho,
Export Sales Executive.

LPC/SMA

FMSI 10969

OCT-01-1983

INVOICE

Lonaflex

FRICITION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

SHIPPED TO

Lonaflex, S.A.
 Avenida dos Autonomistas, 896
 Osasco, Sao Paulo
 Brazil
 Attn.: Ernani Teixeira Ribeiro

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	T.F.O.B.	TERMS	INVOICE NO.	
10-01-83						004303	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for Lonaflex, S.A. Regional Membership in the Friction Materials Standards Institute for the period from <u>October 1, 1983</u> to <u>December 31, 1983</u> . Full year Membership is US\$1,600. The <u>second</u> quarter (<u>10-1-83 to 12-31-83</u>) is billed at this time in amount of US\$400						US\$400.00
	Regional Membership entitles Lonaflex, S.A. to use the Institute's copyrighted materials and trademarks, to purchase Institute brake lining prints and catalogs, and to receive all rights of a Regional Member in the Institute.						
	This billing covers all fees and assessments due the Institute for the period <u>October 1, 1983</u> to <u>December 31, 1983</u> and there has been nor will there be any additional assessments or fees for this period.						
	Submitted by: _____ E. W. Drislane, Secretary						

Item # NV-R75 © Wheeler Group Inc.

Same Lonaflex date

Lonaflex

TELEPHONE (201) 845-0440

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

October 3, 1983

Senor Ernani Teixeira Ribeiro
Lonaflex, S.A.
Av. dos Autonomistas, 896
Osasco CEP 6000
Sao Paulo, Brazil

Dear Senor Ribeiro:

We had correspondence last November-December 1982 concerning the Institute's billing of the annual fee. We had re-submitted as follows:

Invoice No. 919 to replace 909 (Fee 10/1/80-12/31/80) \$362.50
Invoice No. 4126 to replace 4056 (Prints 10/25/82) 10.50

Since that time we sent billing for three quarterly fee payments, for which we did not add the items noted in your December 27, 1982 letter. We are now re-submitting Invoices for the three earlier invoices 4119, 4168, 4232 which have not been paid. These re-submitted invoices are as follows:

Invoice No. 959 to replace 4119 (Fee 1/1/83 to 3/31/83) \$400.00
Invoice No. 960 to replace 4168 (Fee 4/1/83 to 6/30/83) 400.00
Invoice No. 961 to replace 4232 (Fee 7/1/83 to 9/30/83) 400.00

We have also enclosed an up-dated statement of account. We apologize for not including the statements noted in your letter of December 27, 1982 on the earlier invoices. We trust these corrected invoices can be used to replace the earlier ones.

We would appreciate word from you on payment of the invoices we discussed last November-December, as well as these corrected ones sent with this letter.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

FMSI 10971

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

(Reference 959-4119)

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Attn.: Ernani Teixeira Ribeiro

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
01-01-83						No 000959	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for Lonaflex, S.A. Regional Membership in the Friction Materials Standards Institute for the period from January 1, 1983 to March 31, 1983. Full year Membership is US\$1,600. The third quarter (1-1-83 to 3-31-83) is billed at this time in the amount of US\$400.00						US\$400.00
Regional Membership entitles Lonaflex, S.A. to use the Institute's copyrighted materials and trademarks, to purchase Institute prints of brake linings, and to receive all rights of a Regional Member in the Institute.							
This billing covers all fees and assessments due the Institute for the period January 1, 1983 to March 31, 1983 and there has not been nor will there be any additional assessments or fees for this period.							
Submitted by: _____ E. W. Drislane, Secretary							

Form NV-873 © The Drawing Board Inc., Box 505 Dallas, Texas

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

(Reference 960-4168)

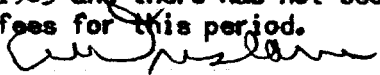
SOLD TO

SHIPPED TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Same

Attn.: Ernani Teixeira Ribeiro

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
04-01-83						NE 000960	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for Lonaflex, S.A. Regional Membership in the Friction Materials Standards Institute for the period from April 1, 1983 to June 30, 1983. Full Year Membership is US\$1,600. The fourth quarter (4-1-83 to 6-30-83) is billed at this time in amount of US\$400.00						US\$400.00
	Regional Membership entitles Lonaflex, S.A. to use the Institute's copyrighted materials and trademarks, to purchase Institute prints and catalogs, and to receive all rights of a Regional Member in the Institute.						
	This billing covers all fees and assessments due the Institute for the period April 1, 1983 to June 30, 1983 and there has not been nor will there be any additional assessments or fees for this period.						
	Submitted by: 						
	E. W. Drislane, Secretary						

Form NY R230 The Drawing Board Inc. Box 505 Dallas, Texas

FMSI 10973

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

Reference 961-4232

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil
Attn.: Ernani Teixeira Ribeiro

SHIPPED TO

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
07-01-83						No 000961	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for Lonaflex, S.A. Regional Membership in the Friction Materials Standards Institute for the period from July 1, 1983 to September 30, 1983. Full year Membership is US\$1,600. The first quarter (7-1-83 to 9-30-83) is billed at this time in amount of US\$400					US\$400	US\$400.00
Regional Membership entitles Lonaflex, S.A. to use the Institute's copyrighted materials and trademarks, to purchase Institute brake lining and clutch facing prints and catalogs, and to receive all rights of a Regional Member in the Institute.							
This billing covers all fees and assessments due the Institute for the period July 1, 1983 to September 30, 1983, and there has not been nor will there be any additional assessments or fees for this period.							
Submitted by: _____ E. W. Drislane, Secretary							

Form INV-8735-7-1 (Changing Bill) Rev. 1-80 Box 500 Dallas, Texas

Friction Materials Standards Institute, Inc.
 Bergen Mall Office Center
 East 210 Route #4
 Paramus, New Jersey 07652

Lonaflex

Annual Fee \$1,450.00 / 6 yr²
 Due 7/1, 10/1, 1/1, 4/1
 1/4 year \$362.50 / 20.00

Ernani Teixeira Ribeiro
 Lonaflex, S.A.
 Avenida dos Autonomistas, 896
 Osasco, Sao Paulo, Brazil

Date		Debit	Credit	Balance
10/1/81	Balance Forward			362.50
11/1/81	Inv. # 3782 (2 nd Quarter) (3782)	362.50		725.00
11/13/81	CK # 10012832		362.50	362.50
11/1/81	Inv. # 3856 (3 rd Quarter) (3856)	362.50		725.00
3/29/82	CK # 10015728		362.50	362.50
4/1/82	Inv. # 3915 (4 th Quarter) (3915)	362.50		725.00
5/10/82	CK # 10016747		362.50	362.50
7/1/82	Inv. # 3994 (1 st Quarter) (3994)	400.00		762.50
8/2/82	CK # 10019485		400.00	362.50
10/1/82	Inv. # 4046 (Annual Fee) (4046)	400.00		762.50
10-25-82	Inv. # 4056	10.50		773.00
11-17-82	CK # 10021158		400.00	373.00
1/1/83	Inv. # 4119	400.00		773.00
4/1/83	Inv. # 4168	400.00		1,173.00
7/1/83	Inv. # 4232	400.00		1,573.00

DI-131/82

December, 27, 1982

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E 210 route, 4

Paramus, N.J. 07652

USAAtt. Mr. E.W. Drislane

Please find attach your invoices numbers 909 and 4056 which now return to you.

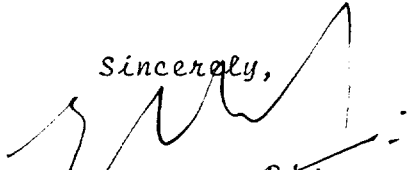
This is due to the new procedure required by Banco Central do Brasil regarding to the payment to foreign supplies, therefore we request you to issue a new invoice as follows:

- a) The services subject of invoice shall be full and clearly detailed in the text.
- b) The price shall included or services fee, however clearly especificate that no other fees additional, etc.

The above procedions must be followed for these and any others new invoices.

Please do not hesitate to contact us in case of any further question.

ETR/mr

Sincerely,

Gianni Teixeira Ribeiro
Gerente da Divisão Industrial

LONAFLEX S.A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Endereço Telegráfico "LONAFLEX" - Caixa Postal 9252 - ZP 1 - Telex 011-33784 - Fone: 801-8500

MOD. LONAFLEX - 126

FMSI 10976

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

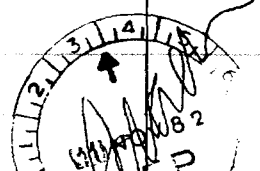
E-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

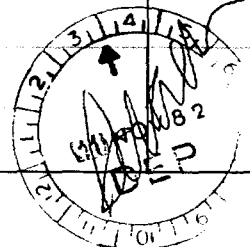
SHIPPED TO

Lonaflex, S.A.
Av. dos Autonomistas, 896
Osasco - CEP 06000
Sao Paulo, Brazil
Attn.: Ernani Teixeira Ribiero

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
10-25-82	10-25-82	Air Mail	Ernani Teixeira Ribiero 10 October			004856	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
14 Prints	FMSI 1352 (Long and Short), 1354, 4663, 4664, 8078 788 Inner, 788 Outer, 7013A Inner, 7013A Outer, D50 Inner, D50 Outer, D92 Inner, D92 Outer					\$.75	US\$10.50
(Note: D92 Drawings - Brake Shoe Supplier removed detail dimensions)							
							

Item # NV-R75 ©Wheeler Group Inc.



FMSI 10977



188 INCHES' 188 INCHES' 188 INCHES' 188 INCHES'

TO: DIRECTOR, FBI, WASHINGTON, D.C. FROM: SAC, NEW YORK (100-100000)

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RE: [Illegible]
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100-100000-100000

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

SHIPPED TO

Attn.: Ernani Teixeira Ribeiro

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.
10-1-80						No 000909
QUANTITY	DESCRIPTION				PRICE	AMOUNT
	Annual Fee for 1980-81 Fiscal Year					
	Full Year \$1,450.00					
	2nd Quarter (10/1/80-12/31/80)				US Dollars	\$362.50
	Original Invoice Re-submitted:					
	 E. W. Drislane, Secretary FRICITION MATERIALS STANDARDS INSTITUTE, INC. BERGEN MALL OFFICE CENTER E. 210 ROUTE 4 PARAMUS, N. J. 07652					

Form NV R73 © The Drawing Board Inc., Box 505 Dallas, Texas

STANDARD FORM NO. 64 (Rev. 5-22-64) PREVIOUS EDITIONS ARE OBSOLETE
GSA GEN. REG. NO. 27

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON, D.C. 20540

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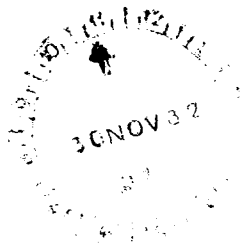
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WASHINGTON, D.C. 20540

1964 O - 347-000-0000

U.S. GOVERNMENT PRINTING OFFICE



U.S. GOVERNMENT PRINTING OFFICE

WASHINGTON, D.C. 20540

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

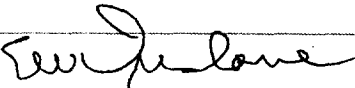
EAST 210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

SHIPPED TO

Attn.: Ernani Teixeira Ribeiro

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
10-1-80						NE 080909	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for 1980-81 Fiscal Year						
	Full Year \$1,450.00						
	2nd Quarter (10/1/80-12/31/80)					US Dollars	\$362.50
	Original Invoice Re-submitted: 						
	E. W. Drislane, Secretary						
	FRICTION MATERIALS STANDARDS INSTITUTE, INC. BERGEN MALL OFFICE CENTER E. 210 ROUTE 4 PARAMUS, N. J. 07652						

Form NV-173 © The Drawing Board Inc., Box 505 Dallas, Texas

08-1-01

169Y 10070 15-0991 703 997 16.001

100-118152-43102 194950 602

Original Invoice 95-241121

FRICITION MATERIALS STANDARDS INSTITUTE, INC.
STANDARD TEST METHOD CENTER
P.O. BOX 1000
BIRMINGHAM, AL 35202

30 NOV 32

4056

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE**2-210 ROUTE 4 • PARAMUS, NEW JERSEY 07652 • PHONE (201) 845-0440**

SOLD TO

SHIPPED TO

Lonaflex, S.A.

Av. dos Autonomistas, 896

Osasco, CEP 06000

Sao Paulo, Brazil

Attn.: Erasmi Teixeira Ribeiro

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
10-25-82	10-25-82	Air Mail	Erasmi Teixeira Ribeiro 12 October		Net	004125	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
14 Prints	Brake Lining and Brake Shoe Drawings consisting of the following FMSI Numbers:					9.75	US\$10.50
	1352 (Long and Short), 1354, 4643, 4664, 8078, 788 (Inner and Outer), 7013A (Inner and Outer), D50 (Inner and Outer), D92 (Inner and Outer)						
	(Note: On the D92 drawings, the brake shoe supplier removed detail dimensions)						

Item # NV-R75 ©Wheeler Group Inc.

FMSI 10983

909
3455

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

Lonaflex, S.A.
Av. dos Autonomistas, 896
Osasco - CEP 06000
Sao Paulo, Brazil
Attn.: Ernani Teixeira Ribeiro

SHIPPED TO

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
10-01-80						№ 000919	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for Lonaflex, S.A. Regional Membership in the Friction Materials Standards Institute for the period from October 1, 1980 to December 31, 1980. Full Year Membership Fee is \$1,450. The 2nd quarter (10-1-80 to 12-31-80) is billed at this time in the amount of US\$362.50						US\$362.50
	Regional Membership entitles Lonaflex, S.A. to use the Institute's copyrighted materials and trademarks, to purchase Institute prints of brake linings and clutch facings, and to receive all rights of Regional Membership in the Institute.						
	This billing covres all fees and assessments due the Institute for the period October 1, 1980 to December 31, 1980, and there has not been nor will there bee any additional fees for this period.						
	Submitted by: _____ E. W. Drislane, Secretary						

Form NY R73© The Drawing Board Inc. Box 505 Dallas, Texas

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER
E. 210 ROUTE 4
PARAMUS, N. J. 07652

January 5, 1983

Lonaflex, S.A.
Av. dos Autonomistas, 896
Osasco - CEP 06000
Sao Paulo, Brazil

Attention: Senor Ernani Teixeira Ribeiro

Gentlemen:

This is with reference to your letter of December 27, 1982 and
our earlier Invoices No. 909 and 4056.

Per your request, we have re-worded these invoices and now submit
as follows:

Invoice No. 919 is to replace 909
Invoice No. 4126 is to replace 4056

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

Lonaflex

TELEPHONE (201) 845-0440

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARÁMUS, N. J. 07652

November 22, 1982

Senor Ernani Teixeira Ribeiro
Lonaflex, S.A.
Avnida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Dear Senor Teixeira Ribeiro:

This is with further reference to the copy of Invoice No. 3455, where you advised that the Banco Central do Brasil does not accept copies of an invoice.

As the original of 3455 was mailed to Brazil in 1980, we must give you an original of a different number. Please find original and one copy of signed Invoice No. 909 for this billing. I trust this invoice will be acceptable.

Thank you.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

SHIPPED TO

Attn.: ERoani Teixeira Ribeiro

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
10-1-80						No 000909	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for 1980-81 Fiscal Year						
	Full Year \$1,450.00						
	2nd Quarter (10/1/80-12/31/80)					US Dollars	\$362.50
	Original Invoice Re-submitted: E. W. Drislane, Secretary						

Form NV-R73 © The Drawing Board Inc., Box 505 Dallas, Texas

FMSI 10987

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

SHIPPED TO

Attn.: Ernani Teixeira Ribeiro

10-1-80

No 000909

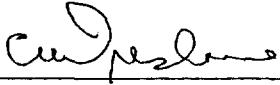
Annual Fee for 1980-81 Fiscal Year

Full Year \$1,450.00

2nd Quarter (10/1/80-12/31/80)

US Dollars \$362.50

Original Invoice Re-submitted:


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

INVOICE

FRICTION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

SHIPPED TO

Attn.: ERnani Teixeira Ribeiro

10-1-80

No 000909

Annual Fee for 1980-81 Fiscal Year

Full Year \$1,450.00

2nd Quarter (10/1/80-12/31/80)

US Dollars \$362.50

Original Invoice Re-submitted:

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

DI- 098/82

November 10, 1982

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
E.210 Route 4
Paramus N.J. 07652
USA

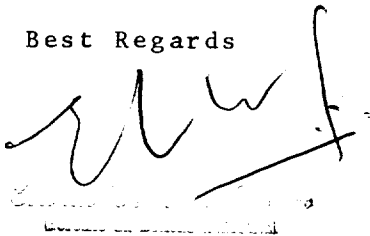
Att.: Mr. E.W.Drislane

We confirm receipt of your letter november 2, for which we
thank you.

The Banco Central do Brasil doesn't accept the copies of
the invoice nº.3455.

Please send us as soon as possible one original set of this
invoice.

Best Regards


LONAFLEX S.A. - Osasco - SP - Brasil
LONAFLEX S.A. - Osasco - SP - Brasil

ETR/mr

cc. DA

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

November 2, 1982

Senor Ernani Teixeira Ribiero
Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Dear Senor Teixeira Ribiero:

Thank you for your letter of October 21, 1982 concerning our Invoice No. 3455. Per your letter, I have enclosed two copies of our Invoice No. 3455.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e



DI- 088/82

October 21, 1982

FRICITION MATERIALS STANDARDS INSTITUTE, INC.
E 210 Route, 4
Paramus N.J. 07652
USA

Att. Mr. E.W. Drislane

Referring your letter August 31, 1982 we inform you that we effect the payment of the invoice 3386, but review our documents we didn't receive the invoice 3455.

Please send us a new invoice at the same value of invoice 3455 in order we can effect the payment.

Hoping to hear from you soon, we remain

Yours Sincerely

A handwritten signature in dark ink, appearing to be 'E.W. Drislane', written over the typed name.

ETR/mr

cc. DA

LONAFLEX

TELEPHONE (201) 845-0440

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

August 31, 1982

Senor Ernani Teixeira Ribeiro
Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Dear Senor Teixeira Ribeiro:

Would you help us with a problem? We recently received your payment of \$400 in payment of our Invoice 3994, in the amount of \$US400.00.

We apparently have never received payment for Invoice 3386, copy attached, of July 1, 1980. We had mistakenly believed that your payment of December 1, 1980 was for the July 1, 1980 billing, when actually that payment must have been for the October 1, 1980 billing.

We were not aware that your payments were so prompt on all other billing until the increase in the fee from \$362.50 to \$400. Would you please review your payments for the fee billing for the 1980 year? If payment was sent for the July 1, 1980 billing, we never received the check. A replacement check would be appreciated.

Your help on this is most appreciated.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

FMSI 10993

Friction Materials Standards Institute, Inc.
 Bergen Mall Office Center
 East 210 Route #4
 Paramus, New Jersey 07652

LONAFLEX

Annual Fee \$1,450.00

Due 7/1, 10/1, 1/1, 4/1

1/4 year \$362.50

Ernani Teixeira Ribeiro

Lonaflex, S.A.

Avenida dos Autonomistas, 896

Osasco, Sao Paulo, Brazil

AVENIDA

Date		Debit	Credit	Balance
7/30/80	Balance Forward			39.75
8/19/80	Inv. # 3323	3.75		43.50
8/29/80	Inv. # 3325	3.75		47.25
6/4/80	CK # 10001819		28.50	18.75
6/12/80	Inv. # 3331	6.00		24.75
7/1/80	Inv. # 3386 (1 st Quarter)	362.50		387.25
7/2/80	CK # 10002701		11.25	376.00
7/2/80	CK # 10002704		3.75	372.25
7/4/80	CK # 10002702		3.75	368.50
8/4/80	CK # 3341 90047266		6.00	362.50
10/1/80	Inv. # 3455 (2 nd Quarter)	362.50		725.00
12/1/80	CK # 10006260 (3 rd Qtr)		362.50	362.50
11/1/81	Inv. # 3546 (3 rd Quarter) (3546)	362.50		725.00
3/4/81	CK # 10008941 (3546)		362.50	362.50
4/1/81	Inv. # 3609 (4 th Quarter) (3609)	362.50		725.00
5/19/81	CK # 10011765 (3609)		362.50	362.50
7/1/81	Inv. # 3693 (1 st Quarter) (3693)	362.50		725.00
8/3/81	CK # 96229 (3693)		362.50	362.50

Lonaflex

Annual Fee \$1,450.00 / 6 mo ¹²

Due 7/1, 10/1, 1/1, 4/1

1/4 year \$362.50 400.00

Ernani Teixeira Ribeiro
Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

[illegible]

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

Lonaflex, S.A.
Avendia dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

SHIPPED TO

Att: Ernani Teixeira Ribeiro

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
7/1/80						003386	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
	Annual Fee for 1980-81 Fiscal Year						
	Full Year \$1,450.00						
	1st Quarter (7/1/80-9/30/80) billed at this time					U.S.Dollars	\$362.50

OPEN INVOICE

Not Paid as of August 31, 1982

Form NY R75 © The Drawing Board Inc., Box 505 Dallas, Texas

THANK YOU



SVE 110/82

Osasco, November 8th, 1982

FRICITION MATERIAL STANDARDS INSTITUTE INC.
E - 210 - Ronte 4
PARAMUS - N. JERSEY 07652
U.S.A.

Dear Sirs

We would apreciate to receive from you two FMSI catalog 1982 for
our Export Departament.

Please send to
LONAFLEX S/A
Av. dos Autonomistas, 896
Osasco - SÃO PAULO - 0.6000
Brasil
Att. Export Departament

*Marcel
11-15-82*

Hoping that you attend our request, we remain

Yours Sincerely
LONAFLEX S/A GUARNIÇÕES P/FREIOS


WALDIR PEREIRA
Export. Deptº.

WP/nap.

LONAFLEX S.A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Endereço Telegráfico "LONAFLEX" - Caixa Postal 9252 - ZP 1 - Fone: 478-8500
MOD. LONAFLEX - 126

FMSI 10997

FRICTION MATERIALS STANDARDS INSTITUTE

SOLD TO

Av. dos Autonomistas, 896

Osasco - Sao Paulo - 0.6000

Brazil

Attn.: Export Department

SHIPPED TO

Same

Form NV-873 © The Drawing Board Inc., Box 505 Dallas, Texas

5200 A 10102, WAD00

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

November 15, 1982

Lonaflex, S.A.
Av. dos Autonomistas, 896
Osasco - Sao Paulo - 0.6000
Brazil

Attention: Waldir Pereira, Export Dept.

Gentlemen:

This is to acknowledge your letter of November 8, 1982, requesting 2 copies of the 1982 Automotive Data Book.

We have on this date sent the two catalogs to the Export Department per your letter. These are sent under separate mailing.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD/e

DEP - 058/82

São Paulo, 19th october, 1.982.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
E 210 Route 4, Paramus, New Jersey 07652
U.S.A.

Sh. 11-2 10/25/82

Dear sirs:

Please send us the brake linings drawings of the following FMSI: 1352, ' 1354, 4663, 4664, 8078; the disc brake pads drawings FMSI: 788, 7013-A ; and the brake shoe drawings FMSI: D-50-1, D-50-0, D-92-1 and D-92-0.

Yours sincerely,

LONAFLEX S.A.
QUADRA 1001 - JARDIM

PT
FERNANI TEIXEIRA RIBEIRO
Gerente Executivo do Produto

EA/aas.

LONAFLEX S. A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Telex (011) 33784 LGUA - Caixa Postal 59 - ZP 1 - Fone: 801-8500
MOD. LONAFLEX - 126

FMSI 11000

INVOICE

FRICITION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

SHIPPED TO

Longflex, S.A.
Av. dos Autonomistas, 896
Osasco - CEP 06000
Sao Paulo, Brazil
Attn.: Ernani Teixeira Ribeiro

Same

DATE	DATE SHIPPED	SHIPPED VIA	YOUR ORDER NO.	F.O.B.	TERMS	INVOICE NO.	
10-25-82	10-25-82	Air Mail	Ernani Teixeira Bittencourt 10 October		Net	004056	
QUANTITY	DESCRIPTION					PRICE	AMOUNT
14 Prints	FMSI 1352 (Long and Short), 1354, 4663, 4664, 8078					\$.75	US\$10.50
	788 Inner, 788 Outer, 7013A Inner, 7013A Outer,						
	D50 Inner, D50 Outer, D92 Inner, D92 Outer						
	(Note: D92 Drawings - Brake Shoe Supplier removed detail dimensions)						

Item # NV-R75 ©Wheeler Group Inc.

SVE 074/82

Osasco, July 20th, 1982

FRICTION MATERIAL STANDARDS INSTITUTE INC.
E - 210 - ROUTE 4
PARAMUS - N. JERSEY 07652
U.S.A.

*Shym 862
sent A.O. Rente
7/26/82*

Dear Sirs

We would appreciate to receive from you one FMSI catalog 1981
for our Export. Departament.

Please send to.

LONAFLEX S/A

Av. dos Autonomistas, 896

OSASCO - SÃO PAULO 06000

BRASIL.

ATT. Export. Departament.

Hoping that you attend our request, we remain,

Yours Sincerely

LONAFLEX S/A GUARNIÇÕES P/FREIOS


WALDIR PEREIRA

Export. Deptº.

WP/nap.

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telefónico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 128

FMSI 11002

LONAFLEX

MAR 11 1982

Had a call from a party in Hackensack, NJ about standards and requirements for brake blocks imported into the U. S. Asked about labelling and the like.

He was not aware of the AAMVA and VESC requirements. Sent him information on VESC Regulation V-3, AAMVA Approved Devices, Application for Certification and list of Approved Labs.

In searching this out, he said it was same material used by Mercedes-Benz on trucks imported into the U.S. When he mentioned Brazil, I asked if it was Lonaflex. He said yes.

Gave certain numbers stencilled on inside of segments:
L501X 112, L848 163. No Marking on edges.

It would appear that Lonaflex is now exporting blocks to the U. S. Whether they are using FMSI Numbers is not known.

This is for the record.

Company Name :

Eurospares Corporation
311 South River St.
Hackensack, NJ 07601

Mr. Peter Mindermann



LONAFLEX

DEP-125/81

Osasco, June 05th, 1981.

FRICITION MATERIALS STANDARDS INSTITUTE
E 210 route 4 Paramus, N.J. 07652
U.S.A.

Dear Sirs:

Please send us the brake-lining drawings FMSI 4195-A, 4311-A and 4311-B.

Sincerely yours,

LONAFLEX S.A.
GUARNIÇÕES PARA FREIOS

ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia do Produto

*no change
shipper # 731
post 6/12/81
3 pieces
air mail*

ETR/cbm.

FMSI 11004



LONAFLEX

DEP-009/81

Osasco, May 06th, 1980.

FRICITION MATERIALS STANDARDS INSTITUTE.
E 210 route 4 Paramus, N.J. 07652
U.S.A.

Dear Sirs:

Please send us the Clutch Facing drawings FMSI: 1236-C, 1335, /
1335-A and 1367.

Sincerely yours,

[Handwritten signature]
LONAFLEX S.A.
Guarnições para Freios
Osasco - SP

*No Charge
Shipper # 717
sent 5/13/81
4 prints
air mail*

ETR/cbm.

FMSI 11005



LONAFLEX

São Paulo June 20th, 1980

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

E 210 route, 4

Paramus, New Jersey - 07652

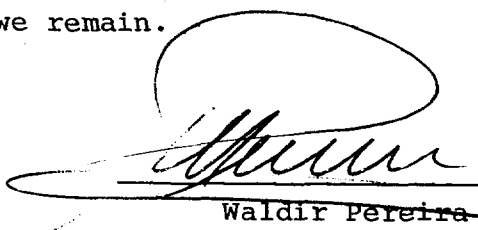
U S A

REF:- 1980 BRAKE SHOE IDENTIFICATION CATALOG

Dear Sirs:

In reply to your bulletin number 672, dated february 29, we would like to receive a copy of the mentioned suplement.

Thanking you in advance, we remain.


Waldir Pereira
Seção Vendas Exportação

WP/mr

*sent 7/8/80
air mail
no charge Philippe
628*

FMSI 11006



DEP - 038/80

São Paulo, May 28th, 1980

FRICTION MATERIALS STANDARDS INSTITUTE

E 210 route 4 Paramus, N.J. 07652

U.S.A.

Dear Sirs:

Please send us the Clutch facing drawing FMS: 857, 900,
1077, 1248, 1270, 1409, 1605 and 8017.

Sincerely Yours, 1

LONAFLEX S/A
GUARNIÇÕES P/ FREIOS

RENATO TEIXEIRA RIBEIRO
Gerente Executivo do Produto

ETR/mmr

*Shipper # 3331
sent 6/12/80
av. mail*

LONAFLEX S.A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Endereço Telegráfico "LONAFLEX" - Caixa Postal 9252 - ZP 1 - Fone: 478-8500
MOD. LONAFLEX - 126

FMSI 11007



LONAFLEX

DEP-015/80

São Paulo March 12th, 1980

FRICITION MATERIAL STANDARDS INSTITUTE, INC.

E 210 Route, 4

Paramus, New Jersey - 07652

USA

Ref. 1980 BRAKE SHOE IDENTIFICATION CATALOG

Dear Sirs,

In reply to your bulletin number 672, dated february 29, we would like to receive a copy of the mentioned suplement.

Thanking you in advance, we remain.

ETR/mr

CC.

DI

LONAFLEX S/A
GUARNIÇÕES PARA FREIOS
ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia do Produto

No Charge
Shipper # 616
JUN 09 1980

FMSI 11008



DEP-036/80

São Paulo, May 27th, 1980

FRICITION MATERIALS STANDARDS INSTITUTE

E 210 Route, 4 Paramus - N.J. 07652

USA

Dear Sirs:

Please send us the drawings of disc brake FMS 716, disc brake shoes D-27.

Sincerely Yours

ETR/mr

CC.

DVP

LONAFLEX S.A.
GUARNIÇÕES P/ FREIOS

FERNAN TEIXEIRA RIBEIRO
Gerente Técnico do Produto

*No Change
Shipper # 610
sent 6/4/80
2 prints
all mail*

FMSI 11009



DEP - 035/80

São Paulo May 20th, 1980

FRICITION MATERIALS STANDARDS INSTITUTE
E 210 route, 4 Paramus, N.J. 07652
USA

Dear Sirs:

Please send us the disc brake shoes drawings FMSI : D-1,
D-13 and D-122.

Thanking you for your attention.

LONAFLEX S.A.
GUARNIÇÕES E FREIOS

ERNANI TEIXEIRA RIBEIRO
Gerente Administrativo do Produto

ETR/mr

cc.

DVP

3325

Shopper
per
5/29/80
5 pontos

FMSI 11010

DEP-028/80

São Paulo May 06th. 1980

FRICTION MATERIALS STANDARDS INSTITUTE
E 210 route, 4 Paramus - New Jersey - 07652
USA

Dear Sirs:

Please send us the clutch facings drawings FMS : 749A, 776,
785, 781 and 778.

Sincerely Yours

LONAFLEX S/A
GUARNIÇÕES P/ FREIOS

OSCAR TEIXEIRA RIBEIRO
Gerente Executivo do Instituto

ETR/mr

cc.

DVP

3323
Shipper
5 prints
sent per mail
5/19/80

LONAFLEX S.A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Endereço Telegráfico "LONAFLEX" - Caixa Postal 9252 - ZP 1 - Fone: 478-8500
MOD. LONAFLEX - 126

FMSI 11011



DEP-024/80

São Paulo, 23th April, 1980

FRICITION MATERIAL STANDARDS INSTITUTE
E 210 Route, 4 Paramus, N.J. 07652
USA

Cwe

Dear Sirs:

Please send us the clutch facings drawings of the following
FMS: 736-G, 857-B, 1005-A, 1051-A, 1056-E, 1142-G, 1142-H ,
1142-J, 1174, 8025-A, 9029, 10.000, 11.004; and also the -
disc brake pads drawings FMS: D-1, D-13 and D-122.
Thanking you for your attention.

128 128A

ETR/mr
cc.
DVP

LONAFLEX S/A
GUARNIÇÕES P/ FREIOS
OSWALDO TEIXEIRA RIBEIRO
Assistente Técnica de Produto

Arquivo 3318
5/7/80

LONAFLEX S.A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Endereço Telegráfico "LONAFLEX" - Caixa Postal 9252 - ZP 1 - Fone: 478-8500
MOD. LONAFLEX - 128

FMSI 11012

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

Copy

May 7, 1980

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

Enclosed are the clutch facing drawings requested in your letter of 23 April 1980. The disc brake pads are as follows:

<u>For Shoe</u>	<u>Lining Number</u>
D-1	728
D-13	728-A
D-12a	728-A

We are therefore enclosing drawings of FMSI 728 and 728A.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E.D./erc
Enc:

E. L. Oriclane
Executive Director

DEP-008/80

São Paulo February 22nd, 1980.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route, 4

Paramus - New Jersey - 07652

U.S.A.

Dear Sirs,

3277
2/12/80

Please send us the drawings FMSI 4611, 4653, 4432, 1296 and 4396.

Sincerely Yours

LONAFLEX S/A
GUARNIÇÕES PARA FREIOS

ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

cc. DI

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telefónico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MPO, LONAFLEX — 126

FMSI 11014

DEP- 007/80

São Paulo February 14th, 1980

FRICITION MATERIALS STANDARDS INSTITUTE INC.
E 210 Route 4, Paramus - New Jersey
USA

Dear Sirs.

Please send us the drawings FMSI 4631 and 2138.

Very truly yours.

ETR/mr



LONAFLEX S/A
GUARNIÇÕES P/ FREIOS

ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

*no change \$5.85
shipment 2/27/80
per 32 frms*

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11015

São Paulo September 28th, 1979.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route, 4 - Paramus

07652 - New Jersey - U.S.A.

Dear Sirs,

Please send us the drawings FMS 4151, 4595, 4646, 4549 and
2073.

Sincerely Yours

LONAFLEX S.A.
GUARNIÇÕES PARA FREIOS

JOÃO TEIXEIRA RIBEIRO
de Exatidão do Produto

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11016



LONAFLEX

DV-118/79

Osasco, 18th July, 1979.

FRICTION MATERIALS STANDARDS INSTITUTE

E-210 Route 4 - Paramus

New Jersey 07652

U S A

REF.: FMSI CATALOG 1979 EDITION

Dear Sirs,

As regional member of the FMS Intitute we take the liberty of requesting your efforts to forward 6 (six) of the 1979 edition FMSI Automotive Data Book.

Since we are responsible for export sales and have our personal travelling all over the world, you can easily understand the necessity we have for the data book we are now requesting.

Since LONAFLEX received only one sample, we hope to receive the requested ones as soon as possible.

Thanking you in advance, we remain,

Very truly yours,

LONAFLEX S/A GUARNIÇÕES P/FREIOS


HANS KURT HAE
Gen. Sales Mgr.


WALDIR PEREIRA
Export. Dept.

HKH/aer

*Waldir #511
Shopper
6 boxes
and
Buitoni
Matta*

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11017

DEP-043/79

São Paulo June 11th, 1979.

FRICTION MATERIALS STANDARDS INSTITUTE

E 210 Route, 4

Paramus - New Jersey - 07652 - U.S.A.

Dear Sirs,

Please send us the Brake lining drawings FMSI 1245, 2026T, 4195
and 4317.

Thanks a lot

LONAFLEX S/A
GUARNIÇÕES P/ FREIOS

ANTONIO RIBEIRO
Gerente Geral da Empresa

3080
Shippin
part 7/5/79
air mail
5 prints

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telefónico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11018

DEP-015/79

São Paulo March 09th, 1979.

CORLEY PRINTING CO.
9804 Page Boulevard
St. Louis, MO 63132
U.S.A.

Ref.: An Order for the Brake Shoe Identification Catalog 1979

Dear Sirs,

In reply to your bulletin number 643, we would like to acknowledge receipt of a copie of Brake Shoe Identification Catalog 1979.

Without anything else at the moment we thank you for your attention and hope to her from you soon.

LONAFLEX S.A.
GUARNIÇÕES P/ FREIOS

HERNANI TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

ETR/oab.

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11019

May 17, 1979

Mr. Ernani Teixeira Ribeiro
Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Dear Mr. Ribeiro:

In line with your letter of March 9, 1979 we are sending one copy of our 1979 Supplement to the 1978 Brake Shoe Identification Catalog." This catalog is being sent on a no-charge basis.

Thank you for your interest in this book.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

SWD/erc
Enc:

E. W. Drislane
Executive Director

FMSI 11020



DEP-005/79

São Paulo, February, 14th 1979.

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route, 4

Paramus - N.J. 07652

Sent 2/21/79
Cur

Dear Sirs,

Please send us the drawings FMSI 1304 and 1305.

Thank you

LONAFLEX S.A.
GUARNIÇÕES P/ FREIOS

ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11021

(Lonsflex)

DEP-004/79

São Paulo February 08th, 1979.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route, 4

Paramus - N. J. 07652

Dear Sirs,

Would you please send us the drawing FMSI 4616-A.

Referring to the Automotive Data Book, we just have the 1977 edition, so kindly, send us recently one.

Sincerely Yours

LONAFLEX S.A.
GUARNIÇÕES PARA FREIOS

[Signature]
ERNANI TEIXEIRA RIBEIRO
Gerente/Engenharia de Produto

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11022

February 20, 1979

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

In line with your letter of February 8, 1979 we are enclosing a copy of drawing FMSI #4616A.

As regards the Automotive Data Book, 1977 is the last full edition that has been printed. We are enclosing a copy of the 1978 Supplement to the 1977 Automotive Data Book. As we indicated in Bulletin #640 we will be printing the "1979 Automotive Data Book," which should be ready in May 1979. We will send you two copies of this catalog when it is printed. Should you wish to order a larger quantity of copies, please refer to Bulletin #640 (a copy of which is enclosed).

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc
Encs.

E. W. Drislane
Executive Director



DEP-002/79

São Paulo January 31th, 1979.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E. 210 Route, 4

Paramus - N.J. 07652

Shipped
2936
sent 2/13/79
Curt

Dear Sirs

Please kindly send us the following drawings : FMSI 4514, 4514-A, 4514-B, 4514-G, 4524-C, 4551-B, 4552, 792, 795, 7048 and 8104.

Thanking in advance, we remain.

Sincerely yours

LONAFLEX S.A.
GUARNIÇÕES PARA FREIOS

EDUARDI TEIXEIRA RIBEIRO
Gerente Representação de Produtos

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 128

FMSI 11024

December 19, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Gentlemen:

This is to reply to a telegram from Lonaflex which was worded as follows:

PLEASE SEND US THE DRAWING FMS 2006T OVER
THICKNESS FOR FMS 4618 4619 AND SHOE BULLETIN
SINCE JULY THANK YOU

We are enclosing our drawing of FMS 2006T. You will note that this lining is undrilled on both primary and secondary. We have no drilling specifications for 2006T because it was never provided as original equipment with drilling. The FMS 2006 was provided drilling and if you needed those drilling specifications please so indicate.

As regards "over thickness for FMS 4618 4619" I believe you meant oversized thickness for these two numbers. The Institute does not get involved with oversized thickness drawings. We provide only the original equipment specification and have included drawings for FMS 4618 and 4619. Whatever oversize a manufacturer provides is up to that manufacturer, and the Institute has no specifications as regards oversize.

As regards shoe bulletins since July we are enclosing SHOE BULLETIN #87 of July 25, 1978, SHOE BULLETIN #88 of November 30, 1978 and the just released SHOE BULLETIN #89 of December 20, 1978. These are all the shoe bulletins issued since July.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc
Encs.

E. W. Drislane
Executive Director



Telegram

PAB176(1640)(1-1647116349)PD 12/15/78 1639

ICS IFMIIHA IISS

IISS FM ITT 15 1639

PMS PARAMUS NJ

AWC656 VIA ITT NUI610 TPL112 0000075 00903 20

USNX 00 BRSP 030

SAO PAULO/SP 30/28 15 1710

FMSI E 210 ROUTE 4

PARAMUS/NJ/C7652/USA

PLEASE SEND US THE DRAWING FMS 2006T OVER THICKNESS FOR FMS 4618
4619 AND SHOE BULLETIN SINCE JULY THANK YOU

LONAFLEX S/A

COL 210 4 2006T 4618 4619

NNN

NNNN

SF-1201 (R5-69)

FMSI 11026

B-



DEP-059/78

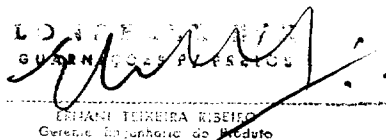
São Paulo, November 16th 1978

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
E 210 Route, 4
PARAMUS - N.J. 07652

Dear Sirs,

Please kindly send us the following drawings: FMSI 4515C and 4514F.
Thanking in advance, we remain,

Sincerely Yours

LONAFLEX S.A.
GUARNIÇÕES PARA FREIOS

OSMAR TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

ETR/mr

No charge
Shipping \$ 4.01
per 11/28/78
3 prints

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11028

October 16, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

This is to acknowledge receipt from the Swiss Bank Corporation
of U.S. \$325. This was by their check #345490.

I am attaching a copy of the remittance advice that was enclosed
with this payment. Thank you for this payment.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc
Enc.

E. W. Drislane
Executive Director

Dept: P&R MR

Trans. Code 11345490

AT THE
REQUEST
OF

BANCO ITAU SA
SAO PAULO BRAZIL

0-402-356271-00

WE SEND YOU ATTACHED OUR CHECK IN
ACCORDANCE WITH INSTRUCTIONS DATED

L12/16/77 IR #OPE.1-32889/77

REMARKS: REF "THIS TRANSACTION EFFECTED ON STRENGTH OF DUPLICATE INSTRUCTIONS AS
ORIGINAL WAS APPARENTLY NEVER RECEIVED BY US"
B/O LONAFLEX S/A GUARNICOES P/FREIOS AV.DOS AUTONOMISTAS 896 SAO PAULO,
BRAZIL REF SUBSCRIPTION MAGAZINE



TELEGRAPHIC ADDRESS: "ITAUBANCO"

São Paulo, September 21 1978.

SWISS BANK CORPORATION
New York Branch
15 Nassau Street, NEW YORK, N.Y. 10005
U.S.A.

Mail p/o
OUR NO: OPE.1-32889/77 DATED: DECEMBER 16 1977
YOUR REF.: DATED:
BENEFICIARY: FRICTION MATERIAL STANDARDS INSTITUTE
BY ORDER: LONAFLEX S/A GUARNIÇÕES P/ FRTIOS
AMOUNT: US\$ 325,00

Gentlemen,

Referring to the above subject, we beg to inform you as follows (the items referred to are marked with an X):

- ☐ We do not appear to have so far received your reply to our letter dated
- ☐ The beneficiary is said to have not yet received the funds. Please investigate the matter, informing us of the date of payment.
- ☐ We beg to ask you to effect payment — should you have not yet done so — on the strength of the photostatic copy enclosed herewith, avoiding double payment. The beneficiary is to be informed that the amount has been placed at his credit/disposal.
- ☐ The beneficiary cannot be located at the address stated by you. Pending further instructions from you, we are holding the amount at the beneficiary's disposal.
- ☐ To have the amount applied properly, the beneficiary asks for details concerning the use of the funds.
- ☐ The amount relating to the above mentioned order was paid by us on as per enclosed copy of the credit advice/receipt.
- ☐ As far as we could ascertain, the amount relating to the above mentioned payment order has not yet been placed to the credit/debit of our account with Please investigate.
- ☐ We are unable to make an entry of the above mentioned item, and we would like to ask you to send us a copy of the order mentioned by you.
- ☐ The beneficiary has called on us stating that he has returned to without applying for the funds. Please consider this order cancelled, crediting the respective amount to our account with under advice to us.
- /under ref. MT INV TY/tg,
- ☒ In reply to your letter dated of Aug. 30 1978, we beg to inform that you may effect the payment of the a/m Payment Order against the attached copy under advice to us avoiding duplicate.
- ☒ Please, acknowledge receipt.

We beg to ask you to take due notice of the foregoing, favouring us eventually with further instructions or providing for the needful to be done without delay.

CY/ds - No. 1063/78

2987 - 50 BLS. 50x4 - 8/77

Very truly yours
Banco Itaú S.A.
6761 - JOSÉ ALBERTO COSTA - 6763 - VALDIR FRANCA - 4463

ORIGINAL - CORRESPONDENT

FMSI 11031

DEP-039/78

São Paulo, August 22th 1978.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route 4

Paramus - N.J. 07652

UN

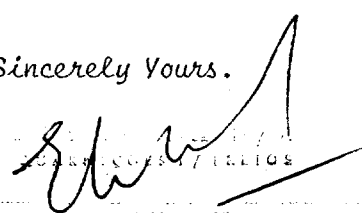
Dear Sirs,

We would like you to inform us the relation between the FMSI, BFMC [British Friction Materials Council] and WVA [Wirtschafts Verband Asbest] numbers.

We are particulary interested in the W.V.A. drawings referring to the number 19032 [ABM-33] which is used in the 16 17/32" x 7 3/32" - S cam brake.

Please, let we know about as soon as possible.

Sincerely Yours.



ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereco Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11032

September 1, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Attention: Ernani Teixeira Ribeiro
Subject: Letter DEP - 039/78

Gentlemen:

There is no relation between FMSI, BFMC and WVA numbers. We have assigned FMSI numbers to certain BFMC numbers but we have nothing on WVA numbers.

Also, the WVA will not provide us with this information.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc

E. W. Drislane
Executive Director

FMSI 11033



Western union

Telegram

PAA124(0817)(1-087175G243)PD 08/31/78 0817

ICS IPMIIHA IISS

IISS FM WUI 31 0817

PMS PARAMUS NJ

UWD4749 BRW086 TPX618 62191 20

UWNX CO BRSP 016

SAOPAULO/SP 16/15 31 0950

FMSI *Fiction Material*

E210 ROUTE 4

PARAMUS/NJ/USA *07652*

PLEASE REPLAY URGENT UPON RECEIPT OUR LETTER DEPO39/78

ERNANI LONAFLEX

COL 4 DEPO39/78

NNN

NNNN

TEL. *834-78 545-6440*

BY *1108*

BY

TO BL

DA

mail

446P

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1100 PM WUI 01 0817

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LONAFLEX

Cur

DEP-038/78

São Paulo, August 21th 1978.

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route 4

Paramus N.J. 07652

Dear Sirs,

Re your Data Book Bulletin # 247 (page 3 - Comment - February 20, 1974) ,
the Automotive Data Book - 77 [Standard Rivet and Bolt sizes] and the
drawing FMS 4515 [revision M-7/14/53] we note the followings divergences :

- Data Book Bulletin

FMSI	DRILL	RIVET
4515	.201 [1]	20-8
4515-C	.265 [2]	10-8

- Automotive Data Book

SERIES	SHANK DIAMETER
20 - 8	.200 [3]
10 - 8	.250 [4]

- FMS - 4515 - Drawing

DRILL

7/.201/ [5]

a. [1] - [3] diverges from [2] - [4]

b. [5] - [3] = .001 only

Are this itens a. and b. corrects ?

Sincerely Yours.

LONAFLEX S/A
GUARNIÇÕES P/ FREIOS

EDMUNI TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

ETR/oab

LONAFLEX S.A. Guarnições para Freios - Av. dos Autonomistas, 896 - Osasco - CEP 06000 - São Paulo
Brasil - Endereço Telegráfico "LONAFLEX" - Caixa Postal 9252 - ZP 1 - Fone: 478-8500
MOD. LONAFLEX - 126

FMSI 11036

September 1, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Attention: Ernani Teixeira Ribeiro
Subject: Letter DEP - 038/78

Gentlemen:

This concerns your question on drill diameter and rivet sizes for FMSI 4515. You are correct that there is an inconsistency, but the data that you have is correct.

<u>Drill</u>	<u>Rivet</u>		<u>Nominal Difference</u>
	<u>Number</u>	<u>Diameter</u>	
#7 (.201 dia.)	20-8	.200 (.200-.194)	.001
.265	10-8	.250 (.252-.244)	.015

#7 (.201 drill)

When using this drill, (.201-.207) one starts at the high diameter and as the drill wears it is discarded at .201.

The maximum difference (max drill - min. rivet) could be .207 - .194 or .013". Minimum difference could of course be .001".

.265 Drill

When using this drill (.265 - .258) one starts at the high diameter and as it wears it is discarded at .258.

The maximum difference (max drill - min. rivet) could be .265 - .244 or .021". The minimum difference could be .258 - .252 or .006".

So both items (a) and (b) are correct.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc

E. W. Drislane
Executive Director

FMSI 11037



DEP-030/78

São Paulo, July 21th 1978.

FRICITION MATERIALS STANDARDS INSTITUTE, INC.
E 210 Route 4
Paramus, N.J. 07652

Cud

Dear Sirs,

The purpose of this is to ask you the favor of sending us the brake lining drawing concerning to the 1245D as we just received the shoe brake lining Assembly in May 24th, 1978.

Sincerely Yours

LONAFLEX S.A.
GUARNIÇÕES P/ FREIOS

ERIVANI TEIXEIRA RIBEIRO
Gerente Engenharia de Produto

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 128

FMSI 11038

August 2, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brasil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

This is to reply to your letter of July 21, 1978 concerning the print for FMSI #1245D.

I have enclosed copies of the Brake Lining Print for FMSI #1245A and #1245C. FMSI #1245C is identical to FMSI #1245A except for the .906/.875 hole for the adjuster plug.

The FMSI #1245 (not #1245A or #1245C) print that you were sent was available only as a lined shoe assembly print. However, #1245 is obsolete and you probably wanted #1245A or #1245C, which are quite active.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc
Encs.

E. W. Drislane
Executive Director

FMSI 11039

Lonaflex

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

Enclosed with this letter is the one print of FMSI 11040 for which we received a telegraph request on this date.

On another subject, we are enclosing an envelope with letter which was returned by the Post Office marked "Ao Remetente" and "Devolver." This was directed to Dr. Luiz R. Gutierrez.

Is Dr. Luiz R. Gutierrez still with Lonaflex, S.A.? If not, to whom should we address our correspondence.

Sincerely,

PRODUCTION MATERIALS STANDARDS INSTITUTE

EMD/erc
Enc:

E. W. Drislane
Executive Director

FMSI 11040



Telegram

PAA053(1341)(1-133364G187)PD 07/06/78 1340

ICS IPMIIHA IISS

IISS FM WUI 06 1340

PMS PARAMUS NJ

UWD3165 BRW839 TPL922 OSC054 00251 20

UWNX CO BRSP 017

SAOPAULO/SP TLXD FM OSASCO/SP 17/16 06 1440

FMSI E. 210 ROUTE 4

PARAMUS/NJ/07652

PLEASE SEND US THE DRAWING FMSI 4311 GD.

YHANK YOU

COL 210 4 4311

NNN

NNNN

8450440

B2
4P

7.6-78

mg

vg. yld.

456P

DA BUSY

C-04-115





LONAFLEX

DEP-029/78

São Paulo, July 21th 1978.

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E 210 Route 4

Paramus, N.J. 07652

Dear Sirs,

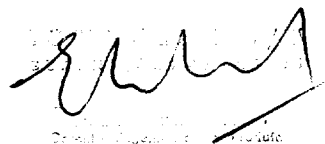
We received your letter of july 7, and we thank you.

We kindly advise you that all correspondence should be sent to
Ernani Teixeira Ribeiro [Engenharia do Produto].

We would like to inform you that Dr. Luis R. Gutierrez doesn't
belong to Lonaflex any more.

OK
ERC
8/11/78

Best regards


Dr. Luis R. Gutierrez

ETR/oab

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11043



DEP-025/78

São Paulo, May 24th, 1978

FRICITION MATERIALS STANDARDS INSTITUTE, INC.
E.210 Route 4,
PARAMUS - N.J. 07652
U.S.A

Dear Sirs,

Please kindly send us the following drawings: FMSI-728, 7027 and 7027A.

Thanking in advance, we remain.

Sincerely Yours.

LONAFLEX S/A
GUARNIÇÕES P/ FREIOS

ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia do Produto

ETR/mr

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereço Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11044

June 6, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brasil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

This is to reply to your letter of May 24, 1978 where you requested the following FMSI drawings: FMSI #728, #7027, and #7027A.

We are enclosing drawings of FMSI #728 and #7027A. There is no FMSI #7027 as such. If there were, it would be the undrilled version of #7027A.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc
Encs.

E. W. Drislane
Executive Director

FMSI 11045

DEP-024/78

São Paulo, May 17th, 1978

FRICTION MATERIALS STANDARDS INSTITUTE, INC.
E. 210 Route 4,
PARAMUS - N.J. 07652
U.S.A

CW

Dear Sirs,

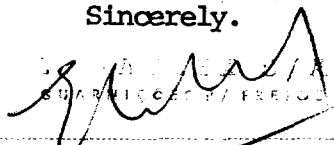
We received your latters and telegram and wish to thank you.

Kindly send us the following drawings :- FMSI 1142E, 1166A, 1245, 1245D, 1252D, 1278D, 1294D and 4596D.

Please inform us the exactly thickness of the 2140T and 2140AT itens as we have found different sizes between the Automotive Data Book 71 and 77.

Thanking you in advance,

Sincerely.


ERNANI TEIXEIRA RIBEIRO
Gerente Engenharia do Produto

ETR/mr

*Shopper # 2706
7 prints*

May 24, 1978

Lonaflex, S.A.
Avenida do Automotistas, 896
Osasco, Sao Paulo, Brasil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

This is to reply to your letter of May 17, 1978. We are enclosing the drawings requested in that letter.

As regards your questions on the thickness of FMSI #2140T and 2140AT, the 1977 Automotive Data Book is correct. There was a correction to the thicknesses in the 1971 Data Book after its publication. The thickness, for the primary, measured at the center is 3/16" (.187), and the thickness for the secondary is 1/4" (.250"). When the secondary linings are provided to the brake or vehicle manufacturer, they run thicker than 1/4". For example, the raw lining segment shipped to the brake manufacturer will run .267/.287. However, after the lining is attached to the shoe it is ground to a thickness of .250" at the center of the secondary shoe. There is a slight taper to the grind, in that the ends of the segment are thinner than .250". This is true on most servo type drum brakes.

For your purposes, you should grind the secondary, if it is to be installed as a replacement item, to .250" thickness at the center.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc

E. W. Drislane
Executive Director

FMSI 11047

DEP-017/78

São Paulo, April 20th, 1978

FMSI NEWS

Friction Materials Standards Institute, Inc.

E. 210 Route 4,

PARAMUS, N.J. 07652

U.S.A

Dear Sirs,

We received your letter dated April 3rd, 1978 and we wish to thank you for the attention.

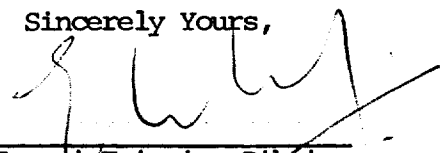
Would you please send us the Lining Shoe Brakes and Shoe Lining Assemblies for the following blue prints:-

FMSI - 4515B, FMSI - 4515C, FMSI - 4515F and FMSI 4592

Referring to the Brake Block Identification catalog, we just have the 1975 edition, so kindly, send us recently one.

Trusting you will excuse the trouble,

Sincerely Yours,


Ernani Teixeira Ribeiro

ETR/ mr

#2690
5/12/78

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

May 2, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brasil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

This is to reply to your letter of April 20, 1978.

We are enclosing prints of the following numbers: FMSI #4515B, 4515C, 4515F, and 4592. We do not have lining shoe assembly drawings for these numbers. We have lining only drawings and are sending those.

The last Brake Shoe Identification Catalog was the catalog published in 1975. We have not published one since 1975. We may publish a later edition in 1978 or 1979, and if we do I will let you know.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

Edward W. Drislane
Executive Director

EWD/e

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

May 5, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brasil

Attention: Ernani Teixeira Ribeiro

Gentlemen:

In our mailing of May 4, 1978 we sent several prints (Our Invoice 2691). In that invoice we said "There is no FMSI 4592C."

We were incorrect. There is a 4592C, but there is no print for 4592C. 4592C is the same as 4592B, except there are no spring holes. I apologize for this error.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

Edward W. Drislane
Executive Director

EWD/e



western union

Telegram

PAB104(1405)(1-149491G124)PD 05/04/78 1401

ICS IPMIIHA IISS

IISS FM WUI 04 1401

PMS PARAMUS NJ

UWB2927 BRW236 TPL740 OSC049/4 70DH

UWNX CO BRSP 031

SAOPAULO 31/27 4 1445

FMSI

E. 210 ROUTE 4

PARAMUS/ N.J. 07652

KINDLY INCLUDING OUR LETTER DEP-017/78 OF 20 TH APRIL THE BLUE
PRINTS AND IF POSSIBLE ASSEMBLY FMSI-4592C 4592B, 4549, 4549A,
4549C, 4524, 4524A AND 4524B.

THANKS

LONAFLEX S/A

COL 210 4 07652 DEP-017/78 20 FMSI-4592C 4592B, 4549, 4549A, 4549C,

5-4 *845-2440*
NG
10 *mail* *340P*
DA BUSY

SF-1201 (R5-69)



western union

Telegram

4524, 4524A 4524B.

NNN

NNNN

FMSI 11051

Cur
São Paulo, march 20th, 1978

FMSI NEWS

Friction Materials Standards Institute, Inc.

E. 210 Route 4,

PARAMUS, N.J. 07652

U.S.A

Dear Sirs,

In order to eliminate doubts concerning the drawings already sent to you, please kindly send us the drawing 728A complete and indicating the respective tolerance, as well as the revits type used (SAE) and also the dimensions respectively.

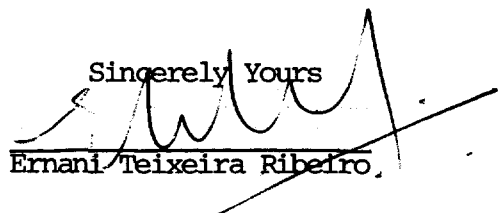
Reference Moraine - (or equivalent ones)

DRILLED - 5468646

BLANK - 5468645

Thanking in advance, we remain.

Sincerely Yours


Ernani Teixeira Ribeiro

April 3, 1978

Lonaflax, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil

Att: Ernani Teixeira Ribeiro

Gentlemen:

This is to reply to your letter of March 20, 1978 concerning FMSI 728-A.

We may be having a language problem. When you say "drawing 728-A complete" I sent you the complete 728-A. Perhaps you mean the "lining-shoe assembly." Ordinarily, we do not have assembly drawings. However, we have secured lining-shoe assembly drawings for FMSI 728-D-52.

I am enclosing the following prints:

Moraine 5468645	Lining Blank 728-A
Moraine 5468646	Lining Drilled 728-A
Moraine 5472361	728-D-52 (Inner) Assembly
Moraine 5474512	728-D-52 (Outer) Assembly

Lining-Shoe Assembly Thickness

	<u>728-D-52-Inner</u>	<u>728-D-52-Outer</u>
Lining Only	.430	.400
Shoe Only	.194	.135
Lining Shoe Assembly	.624	.535

If an insulator is used on the outer shoe, the assembly is finished to following thicknesses:

Inner:	.620
Outer:	.540

As for tolerances, refer to the drawings. Where tolerances are not shown, the tolerance is $\pm .010$ ".

Rivets:

There are no standard SAE rivet size for these linings. Manufacturers use the following special rivets:

Inner:	23-6
Outer:	23-4

Lonaflex, S.A.
Ernani Teixeira Ribeiro

- 2 -

April 3, 1978

Please refer to the enclosed data concerning the 23 series rivets (23-6 is 6/16" long--23-4 is 4/16" long).

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc
Enc:

E. W. Drislane
Executive Director

BRASS LINING RIVETS

SEMI-TUBULAR FOR DISC BRAKE PADS

DISC
BRAKE
RIVETS.

Actual Size Illustrations	Standard Numbers	Lengths	Box of 1000	Carton of 12/100	Box of 100
 Body Dia. 9/64" Head Dia. 19/64"	22- 4 22- 6S	4/16" 23/64"	\$ 9.90 11.45	\$15.60 17.45	\$1.30 1.45
 Body Dia. 3/16" Head Dia. 23/64"	24- 4 1/2 S 24- 5S 24- 5 1/2 S	9/32" 5/16" 11/32"	15.00 15.00 16.75	22.10 22.10 24.15	1.84 1.84 2.01
 Body Dia. .210" Head Dia. 23/64"	23- 4 23- 5 23- 6	4/16" 5/16" 6/16"	18.05 20.85 24.20	23.55 26.90 30.90	1.96 2.24 2.58

22-

24-

23-

*Box of 100 prices listed for convenience of Jobbers' Salesmen.

SUGGESTED RESALE SCHEDULE

Broken Packages		List less 5%
1M or 1 Carton		List less 10%
2M to 4M		List less 15%
5M to 9M		List less 20%
10M to 25M		List less 25%

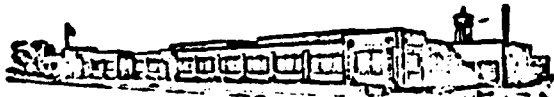
Chicago Rivet & MACHINE CO.

Main Office and Factory

950 S. Twenty-Fifth Ave., Bellwood, Ill. (Chicago Suburb)

Branch Factory: TYRONE, PENNSYLVANIA

Address all Correspondence to BELLWOOD, ILL. 60104



149. 1978 DISC BRAKE RIVETS AND BRASS LINING RIVETS

PRINTED IN U.S.A.

DISC BRAKE RIVET SERIES 22, 23, 24

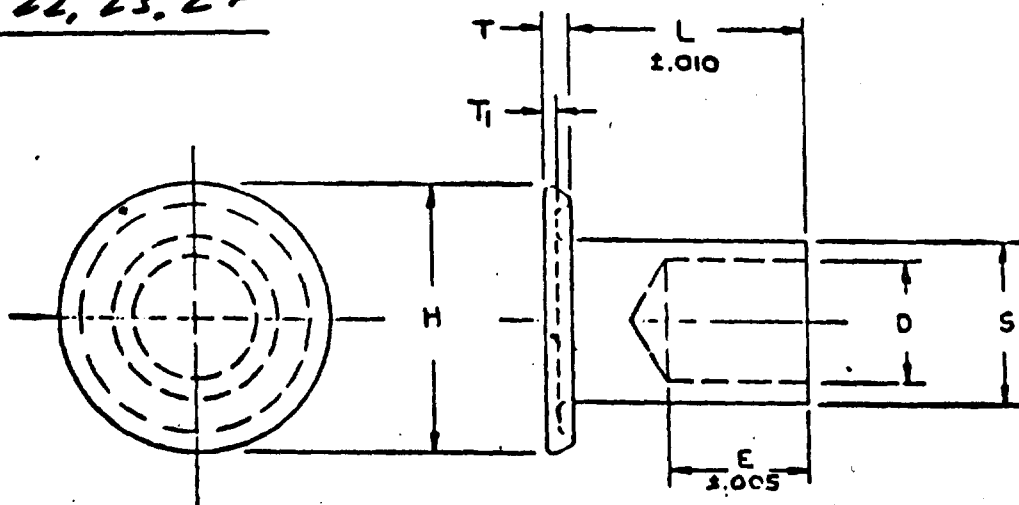


Figure 2 - Undercut Head Rivet
For Brake Lining

REFER TO TABLE 2

FMSI 11055

MAR 30 1978



LONAFLEX

São Paulo, February 8th, 1978.

FMSI NEWS
Friction Materials Standards Institute, Inc.
E. 210 Route 4,
PARAMUS, N.J. 07652
U.S.A.

Dear Sirs,

By this letter, we ask you kindly to specify as soon as possible, the sizes which do not consist in the enclosed 728-A draft, that is:

- a) Internal ray
- b) Total height of the disc brake pads.

If you have the complete draft, we would be thanked in receiving it for our files.

Thanking in advance, we remain.

Sincerely Yours,

Ernani Teixeira Ribeiro

February 22, 1978

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brasil

Attn: Ernani Teixeira Ribeiro

Gentlemen:

Per your letter of February 8, 1978 I am enclosing a copy of the drawing for 728-A before drilling.

(A) Internal Radius is 3.97"

(B) Total height is 2.37".

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc
Enc:

E. W. Drislane
Executive Director

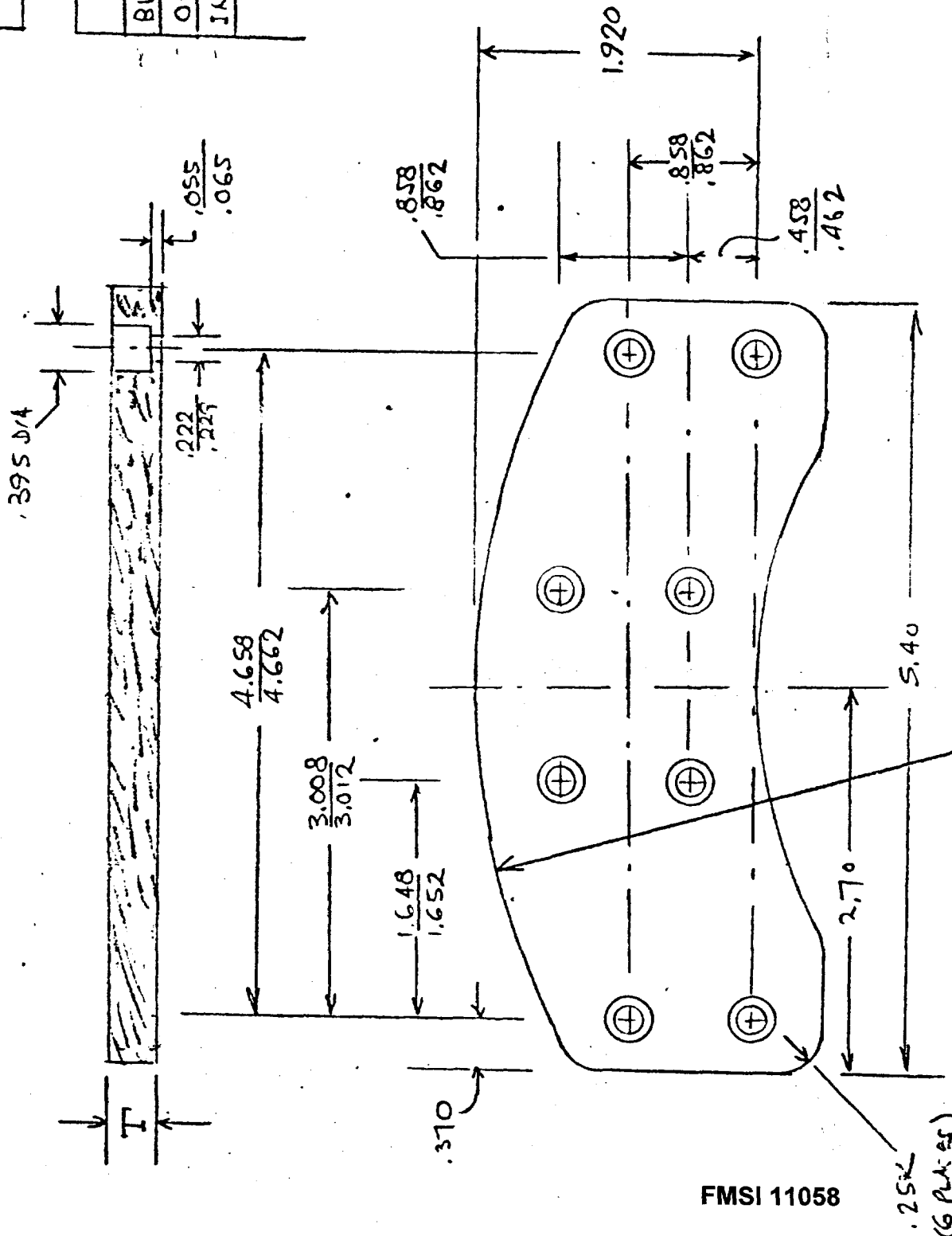
FMSI

#728A

BLANK	460/470	T
OUTER-FINISHED	.400 MIN	
INNER-FINISHED	.430 MIN	

TYPICAL Ø HOLES

REFERENCE: MRAINE #546864C DELETED
546864J BLANK



5.902

5.40

2.70

1.920

.858 / .862

.458 / .462

1.648 / 1.652

3.008 / 3.012

4.658 / 4.662

.222 / .225

.055 / .065

.370

.252 (6 PLACES)

FMSI 11058

INNER, OUTER RADIUS FROM SAME CENTER

END 6/9/71

SVE-221/77

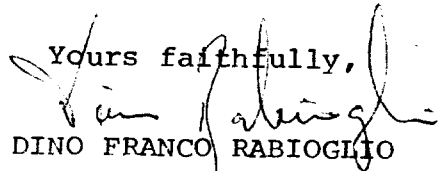
August 16, 1977

F M S I
Bergen Mall Office Center
East 210 - Route 4
PARAMUS - New Jersey 07652
U S A



Dear Sir,

We would appreciate it very much if you could send to our
Export Department your FMSI Catalogue 1977.

Yours faithfully,

DINO FRANCO RABIOGLIO
EXPORTAÇÃO

/wa
cc: DV

Shipper 286
No Charge
Postage
AO
\$1.89

LONAFLEX S.A. Guarnições para Freios — Av. dos Autonomistas, 896 — Osasco — CEP 06000 — São Paulo
Brasil — Endereco Telegráfico "LONAFLEX" — Caixa Postal 9252 — ZP 1 — Fone: 478-8500
MOD. LONAFLEX — 126

FMSI 11059

LONAFLEX

August 2, 1977

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brasil

Gentlemen:

This is to reply to your cable "Need confirmation of thickness of FMSI (oversize) 4515X, 4515XX, 4515XXX."

In reply, the FMSI does not assign oversize thicknesses. These are arbitrarily set by others as 1/16" additional thickness for each X oversize. Based on original thickness (3/4" chordal length from each end) these could be computed as follows for FMSI 4515:

	<u>ANCHOR</u>		<u>CAM</u>	
	<u>THIN</u>	<u>THICK</u>	<u>THICK</u>	<u>THIN</u>
Original Equipment	.478	.733	.755	.651
Service	.449	.723	.745	.635
X	.511	.785	.807	.697
XX	.574	.848	.870	.760
XXX	.636	.910	.932	.822

However, we take no responsibility for oversize thickness designations.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc

E. W. Drislane
Executive Director

FMSI 11060



Telegram

PAA092(1147)(2-119310G213)PD 08/01/77 1145

ICS IPMIIHA IISS

IISS FM VUI 01 1145

PMS PARAMUS NJ

UWE7263 BRW304 TPX682 70PH

UWNX CO BRSP 025

SAOPAULO 25/23 1 1141

BERGEN MALL OFFICE CENTER EAST 210 RUTE 4

PARAMUSNJ07652

PLEASE WE NEED CONFIRMATION OF THICKNESS OF FMSI (OVERSIZE)

4515X 4515XX 4515XXX

LANAFLEX

COL 210 4 07652 4515X 4515XX 4515XXX

NNN

NNNN

*845-0440
FMSI*

EC

BY *[Signature]*

133P

TO BE

DA BUSY

SF-1201 (R5-69)

FMSI 11061

B- 176824

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MALL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

June 13, 1977

Lonaflax, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Attention: Dino Franco Rabioglio

Gentlemen:

As per your letter of June 2, 1977, please find the copies of
the following invoices 2224 and 2257 in the amount of \$21.75
and \$16.50 respectively.

Your attention to this matter will be greatly appreciated.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

Emily R. Collins

Emily R. Collins
Accounts Receivable

ERC/erc
Enc:

*Referir-se ao extrato de
2 faturas pendentes, para
regularizar o pagamento.*

15829-

RECEIVED

FRICTION MATERIALS STANDARDS INSTITUTE

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

SOLD TO

SHIPPED TO

Lonaflex, S.A.
Avenida dos Autonomistas, 696
Osasco, Sao Paulo, Brazil
Att, Ernani Teixeira Ribeiro

COPY

Sept 1, 1976 9/1/76	Air Mail	Ribeiro 8/17/76	-	Net	N2 002224
---------------------	----------	-----------------	---	-----	-----------

29 prints FMSI 224A (2), 286B (2), 728A, 779, 781A, 1233, 1245A, 1252,
1294A, 2066(2), 2066AT (2), 2066BT (2), 2137 (2), 4562A,
4596, 4597, 4602, 4605, 6012, 6014, 6031,
D-52 (Inner) and D-52 (Outer) brake shoes for 728A

0.75

U.S. \$21.75

(No drawing available for AF 116)

Handwritten: Data de 11/1/79
E.C. 111 f39
fch do ncto. em 30/6/78
Rob n.º 16457

Stamp: É coberto pelo contrato de câmbio
J58.1650
Banco ITAU S.A.
Depto. de Câmbio
C.G.C. 60.701.130

Form NY-172 The Drawing Board Box 900 Dallas, Texas

FMSI 11064

June 13, 1977

Lonaflax, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Attention: Dino Franco Rabioglio

Gentlemen:

As per your letter of June 2, 1977, please find the copies of
the following invoices 2224 and (2257) in the amount of \$21.75
and (\$16.50) respectively, *Paid 7/13/77*

Your attention to this matter will be greatly appreciated.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

ERC/erc
Enc:

Emily R. Collins
Accounts Receivable

May 11, 1977

Lonaflex, S. A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil
Attention: Ernani Teixeira Ribeiro

Reference - DEP 266/76
DEP 312/76 *paid*

Gentlemen:

Enclosed please find copies of your letter dated August 17, 1976 and September 24, 1976, along with our Invoices No. #002224 in the amount of \$21.75 and #002257 in the amount of \$16.50. *paid 7/13/77*

These invoices are outstanding since September 1976 and October 1976. We hope that you can clear this matter up as soon as possible.

Thank you.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EMC/erc
Enclosure:

Emily R. Collins (Miss)
Accounts Receivable



Osasco, 02 de junho de 1.977.

Friction Materials Standards Institute

E - 210 - Route 4

Paramus - New Jersey - 07652

U.S.A.

Dear Sirs,

Concerning your letter dated of May 11, 1.977 and your invoices nº 002224 and 002257 respectively in the amount of \$21.75 and \$16.50, please send us the bill copy for payment.

Unfortunately we have the originals miscarried and we need them to pay you.

Thanking your attention in advance,

Very Truly Yours

p/ DINO FRANCO RABIOGLIO

LONAFLEX S. A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s.p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - inscr. 492.003.627
fone 478-8500



DEP-055/77

05th May, 1977.

FRICITION MATERIALS STANDARDS INSTITUTE, INC.
E-210 Route 4
Paramus, N.J. 07652
USA

And

Dear Sirs,

First of all we thank you for the blue prints received concerning our letter of 30th March.

We now would appreciate to receive the blue prints following:

<u>CLUTCH FACINGS</u>	<u>BRAKE LININGS</u>	<u>DISC BRAKE PADS</u> <i>SHOE</i>
Ref. FMSI 1437	Ref. FMSI 8099(2)	Ref. FMSI 780 = D-37
1186-A	4227	782 - D-41
1513-A	4398	785 - D-48
1517	4541	7039 D-103
	4195-B	7045 D-111
		(2) 7047 D-114
		7049 D-116
		7059 D-41

Please, send us the blue print of shoe ("Reforços Sapata") too.

Note: We enclose herewith one example legible blue print to you may know how we want to receive them.

NOTE
No charge shown
#252 with 1
sh 1971, 1977
data Books
Sent 6/2/77

./...

LONAFLEX S. A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s.p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - inscr. 492.003.627
fone 478-8500



DEP-055/77

- 2 -

Finally, we ask kindly to send us FMSI Automotive Data Book of the years '70, '73, '74, '76 and '77.

Waiting to hear from you soon, we remain,

Yours truly,

ERNANI TEIXEIRA RIBEIRO
Depto. de Engenharia do Produto

encl.

ETR/nr.

LONAFLEX S. A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s.p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - inscr. 492.003.627
fone 478-8500

May 20, 1977

Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

Attn: Ernani Teixeira Ribeiro

Gentlemen:

Enclosed are copies of the prints you ordered in letter of 5 May 1977.

We sent prints of the shoes used for the disc brake pads. Some shoe prints do not provide details needed for manufacturer. These were provided us for identification only and we were unable to get detailed drawings.

You enclosed an example of a legible blue print to show how you want to receive them. All our prints are smaller size (8-1/2 x 11) and many of our originals are not good quality. We are only able to provide you with what we have.

As regards copies of Automotive Data Books for '70, '73, '74, '76 and '77, we do not keep old editions of our Data Books. Under separate cover I will send you one "1971 Automotive Data Book" which covers models from 1960-1971, and our new "1977 Automotive Data Book" which will cover models from 1966-77. We did not publish Data Books in '70, '74 or '76. All the new information for those years is in our 1977 book.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc
Enclosures:

E. W. Drislane
Executive Director

FMSI 11070



Osasco, 30th March 1977.

FRICITION MATERIALS STANDARDS INSTITUTE, INC.
E-210 Route 4
Paramus, N.J. 07652
USA

Dear Sirs,

Kindly send us, the blue prints following:

Reference

4311-B

4284

4152-A

4153-A

We eagerly look forward to hearing from you.

Very truly yours,

ERNANI T. RIBEIRO

Depto. de Engenharia do Produto

ETR/ncp

*Shipp # 231
sent 4/6/77
4 prints*

LONAFLEX S.A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s. p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - insc. est. 492.003.627
fone 478-8500

FMSI 11071

DEF-029/77



February, 01th 1977

Air Mail

Friction Materials Standards Institute

E - 210 Route 4

Paramus - New Jersey - 07652

U S A

Dears Sirs

Please inform us about FMS following, also sending us the drawing and technical specifications:

	<u>CLUTCH FACING</u>	<u>DISC BRAKE PADS</u>	<u>LININGS</u>
FMS:	1142-E	724	4515 (with holes for
	1057-F	719	rivets 20:8)
	1057-H	736	
	1056-B	793	
	1277-H	734	
	1005-B	755	
	909-C		

We would appreciate to receive a answer, as soon as possible.

Sincerely yours

LONAFLEX S.A.
GUARNIÇÕES PARA FREIO

FRANCISCO DE ASSIS
Gerente Comercial e Financeiro

ETR/elo.

LONAFLEX S.A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s.p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - inscr. 492.003.627
fone 478-8500

Shepherd # 2343
sent 2/11/77

February 11, 1977

Lonaflex, S. A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brasil

Att: Ernani Teixeira Ribeiro

Gentlemen:

We are enclosing copies of the various clutch facings, disc brake pads and linings requested in your letter of 1 February, 1977.

We do not have an assignment for FMSI #1277-H, and sent you #1277-A in its place.

For application information for these prints you should refer to our "1975 Automotive Data Book". If you do not have a copy, please advise and I will send you one.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/erc
Enc:

E. W. Drislane
Executive Director

FMSI 11073



DEP - 266/76

August, 17th 1976

Air Mail

Friction Materials Standards Institute
E - 210 Route 4
Paramus - New Jersey - 07652
U S A

and

Dears Sirs:

Please inform us about FMS, also sending us the drawing and technical specifications, inclusive, drawing about respective rivets.

F M S

AF 116
224 A
286 B
1233
1245 A
1252
1294 A
2137
4562 A
4596
4597
4602

F M S

4605
6012
6014
6031
781 A
779
2066
2066 AT
2066 BT
728 - A (*)

(*) - intern and extern, -
inclusive, brake shoes's drawing.

We would appreciate to receive a answer, as soon as possible.

yours sincerely,

LONAFLEX S/A
GUARNIÇÕES PARA FREIOS

ELTON TEIXEIRA RIBEIRO
Gerente Engenharia do Produto

ETR/elc.

LONAFLEX S. A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s. p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - inscr. 492.003.627
fone 478-8500

September 1, 1976

Lonaflax, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brazil
Att: Ernani Teixeira Ribeiro

Reference: DEP-266/76

Gentlemen:

This is to reply to your letter of August 17, 1976 requesting new drawings for several brake linings. 29 prints were mailed to complete this order. (This shipment was made in a separate envelope.)

We do not have any drawing for AF 116. All other drawings were mailed.

FMSI #D-52 (Inner) and FMSI #D-52 (Outer) are the brake shoes for the FMSI #728-A lining. Prints of D-52 (Inner) and D-52 (Outer) were sent with the prints.

As regards information on these linings, the application data for all these appears in our "1975 Automotive Data Book." Also the rivet sizes that are used for each of these FMSI numbers are listed in that catalog. You should have a copy of the "1975 Automotive Data Book" but if you do not have a copy, please let me know and I will send one along. I trust this information is sufficient.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/lmc
Enc.

E. W. Drislane
Executive Director

FMSI 11075



DEP - 178/76

June, 07th 1976

Air Mail

Friction Materials Standards Institute

E - 210 Route 4

Paramus - New Jersey - 07652

U. S. A.

and

Dears Sirs:

We need thecnical informations about FMS 4602-D; 4602-D-X -
and 4602-D-XX and FMS 4602-B; 4602-B-X and 4602-B-XX.

Besides this, referring to the same brake blocks, we kindly
request you in order to send us the following blue prints:

- 1) Linings - Cam and Anchor;
- 2) Assembly Shoe and lining;
- 3) Shoes without lining;
- 4) Rivets

Order # 000144

Sincerely yours

Ernani Teixeira Ribeiro

Eng^o Ernani Teixeira Ribeiro,
Gerente do Depto. de Eng. do Produto

X = 1/6"
XX = 2/6"

ETR/elo.

LONAFLEX S. A. Guarnições para Freios
av. dos autonomistas, 896 - osasco - s. p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp - 1
c.g.c. 60.889.854/0001-00 - inscr. 492.003.627
fone 478-8500

Lonaflex S.A.

June 25, 1976

Lonaflex, S. A.
Avenida dos Autonomistas 896
Osasco, São Paulo
Brasil

Attn: Eng. Ernani Teixeira Ribeiro

Gentlemen:

This is to reply to your June 7, 1976 letter.

4602-D, 4602-D-X, 4602-D-XX

FMSI #4602 is the drilled version which some refer to as #4602-D. The print of #4602 is enclosed. The X and XX of course refer to oversize versions:

X 1/16 oversize
XX 2/16 oversize

While we take no position on oversize (X, XX) we do not provide prints of X or XX. The oversize versions of 4602 are up to the manufacturers. There is controversy on X (and particularly XX), because they also imply an oversize drum. The same block is used at both anchor and adjusting end.

4602-B, 4602-B-X, 4602-B-XX

We are forwarding drawings of FMSI #4602B (anchor and adjusting end). Again we do not provide X or XX versions of these prints.

OTHER

We do not have shoe-only or lining-shoe assembly drawings for these. We ordinarily do not have shoe or assembly drawings for air brake sizes. (Our shoe information is primarily for hydraulic brakes).

A 10-9 rivet is standard for #4602 and a 10-8 rivet is used on #4602B. Standard rivet sizes are shown in our Automotive Data Book and in Society of Automotive Engineers (SAE) Standard J663b

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

EWD/erc
Encl

E. W. Drislane
Executive Director

FMSI 11077

 LONAFLEX

October, 31 1975

Air Mail

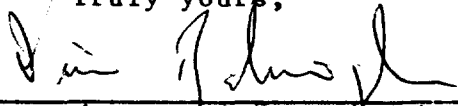
Friction Materials Standards Institute
E-210 Route 4
Paramus - New Jersey - 07652
U. S. A.

Dears Srs

Re your Bulletin nº 544, we are writting to
ask the following catalogs :

- 1 - Brake Block Identification Catalog
(New Edition) ,
- 1 - 1975 Suplement to the 1974 Brake -
Block Identification Catalogs and,
- 1 - 1975 Automotive Data Book.

Truly yours,


LONAFLEX S/A, Guarniões p/ Freios

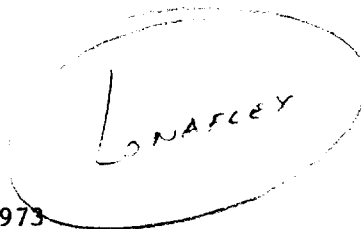

CE/mis

*Shipped # 000046
per 11/17/75*

LONAFLEX S. A. Guarniões para Freios
av. dos autonomistas, 896 - osasco - s. p. - brasil
end. tel. "LONAFLEX" - cx. postal 9252 - zp-1
c.g.c. 60.889.854/001 - inscr. Est. 492.003.627
fone 478-8500

FMSI 11078

August 27, 1973



Mr. Raul Cocito
Lonaflex, S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo, Brasil

Dear Mr. Cocito:

This is to reply to your letter of August 15, 1973.

In response to your question, if Lonaflex were to distribute products of their manufacture through a distributor in the United States using the distributor's trademark, they would still be subject to the same dues that an American manufacturer pays. Only a manufacturer of friction materials can authorize another party (such as a distributing company) to use the copyrighted FMSI numbers. That manufacturer, in order to permit use of the copyrighted FMSI numbers, must be a member of the Friction Materials Standards Institute, Inc. Obviously, if distributors using their own trademark were using the FMSI numbers without having to pay fees or receive authorization from someone who is paying fees, most companies would resort to this subterfuge to avoid paying the fees.

As you indicated that you have not commenced exporting, there is no problem concerning United States copyright at this time.

Sincerely,

FRICION MATERIALS STANDARDS INSTITUTE

EWD:11z

E. W. Drislane
Executive Director



S. A., GUARNIÇÕES PARA FREIOS

av. dos autonomistas, 896 - fone 48-8500 - osasco - sp. - brasil (telegr. "lonaflex" - cx. postal 9252 - s. paulo - zp-1)

Osasco, August 15, 1973

FRICTION MATERIALS STANDARDS INSTITUTE INC.
Bergen Mall Office Center
E. 210 Route 4
Paramus, N.J. 07652

Attn.: Mr. E.W. Drislane
Executive Director

Dear Sir :

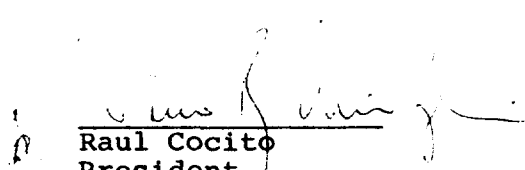
In reply to your letter of July 26, 1973 we would like to inform that we have not marketed our products in the United States so far.

As soon as we start up our exports we will send back the forms you requested, duly filled in, appointing the line of products to be launched in your market.

We would appreciate it very much to be informed if, should we commercialize our products in the United States through a distributing company under its own trade mark, even so, we would be subjected to the dues you mention in your letter.

At the same time we would like to point out that it will be more useful you write directly to us, as we have no more a representative in your country.

Very truly yours.


Raul Cocito
President

/gf

Lonaflex S.A. Brazil

July 26, 1973

Mr. George W. Fallar
The Fallar Company
628 Orienta Drive
Mamaroneck, N. Y. 10543

Dear Mr. Fallar:

In line with earlier correspondence, we will be servicing Lonaflex S.A. (Brazil) by mailing information directly to:

Lonaflex S.A.
Avenida dos Autonomistas, 896
Osasco, Sao Paulo
Brazil

We are now applying the Lonaflex S.A. deposit of \$1,300 towards the dues for the July 1, 1973-June 30, 1974. As you represent Lonaflex, S.A. (Brazil) in the United States we wish to point out the dues structure where a Regional Member is using the copyrighted FMSI Numbers on products, price lists, literature or catalogs for sale of his product in the United States.

If Lonaflex S.A., or you as their agent, are using the copyrighted FMSI Numbers for marketing these products in the U.S.A. we would very much appreciate you filing a category declaration (copy attached). In filing, you would only indicate the category (brake lining, brake block, clutch facing or new unlined shoes) on which you are using the copyrighted FMSI Numbering System to market these products in the U.S.A.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD:11z
Enc.
cc: L. D. Stickles, Counsel

av. dos autonomistas, 896 - fone 48.8500 - osasco - sp. - brasil (teleg. "lonaflex" - cx. postal 9252 - s. paulo - zp.1)

DI.-403/73

July 16, 1.97i.-

FRICITION MATERIALS STANDARDS
INSTITUTE INC.
E-210 Route 4, Paramus, N.J. 07652
United States

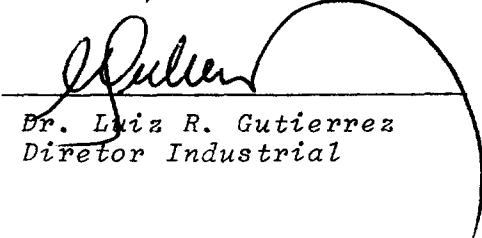
Gentlemen

Refering to your letter of May 25,
1973, adressed to Mr. George W. Fallar, copy of which is
attached, we would appreciate that all correspondence for
Lonaflex, be mailed directly to the following adress: "
Lonaflex S.A., Avenida dos Autonomistas, 896, Osasco, São
Paulo, Brasil."

OK.
LRC

Very Truly

LONAFLEX S.A. - GUARNIÇÕES
P/ FREIOS


Dr. Luiz R. Gutierrez
Diretor Industrial

LRG/cca./

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

BERGEN MAIL OFFICE CENTER

E. 210 ROUTE 4

PARAMUS, N. J. 07652

May 25, 1973

Mr. George W. Fallar
The Fallar Company
628 Orienta Drive
Mamaroneck, N.Y. 10543

Dear Mr. Fallar:

Attached is a notice sent on May 25, 1973 to the membership. Lonaflex, S.A. will be a Regional Member effective at July 1, 1973 (the start of our fiscal year).

The \$1,300 which we received from Lonaflex, S.A. has been held in an un-earned income account and will be applied towards the Lonaflex, S.A. 1973-74 dues. Regional members dues are ordinarily \$1,300 annually. However, those Regional members wishing to use the Copyrighted FMSI numbers on their linings, cartons, price lists shipped to or used in the U.S.A. pay the same fees as Active members (U.S. Manufacturers). See my attached letter of November 30, 1972 concerning the fee schedule.

While the Lonaflex, S.A. Membership does not become effective until July 1, 1973, I've enclosed some recent Catalogs published by the Institute. If Lonaflex, S.A. is interested, I can advise price and delivery. Note that two of the Catalogs are 1971 issues. Both these Catalogs are currently being up-dated with 1973 issues which Lonaflex, S.A. could order.

I plan on putting Lonaflex, S. A. on our mailing list as of July 1, 1973. Please advise mailing instructions--should they be mailed to Fallar Co. or to someone's attention in Sao Paulo.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

E. W. Drislane

E. W. Drislane
Executive Director

EWD/lmc
Encs.

FRICION MATERIALS STANDARDS INSTITUTE, INC. P-210 ROUTE #4, PARAMUS, N.J. 07652

BULLETIN

B.O. 475

May 25, 1973

TO: ACTIVE MEMBERS
REGIONAL MEMBERS

SUBJECT: LONAFLEX, S.A. (BRAZIL)

By vote of the Membership, Lonaflex, S.A. (Brazil) has been accepted as a Regional member in the Friction Materials Standards Institute, Inc.

Lonaflex, S.A. (Brazil) has been in the friction material business since 1949. They are represented in the U.S. by the Fallar Company (George Fallar) Mamaroneck, N.Y.

To clarify some questions, if Lonaflex, S.A. (Brazil) uses the copyrighted FMSI numbers on their products, cartons, or literature for sale in the United States, their fee schedule will be the same as that for Active Members.

E. W. Drislane
Executive Director

Lonaflex S.A.
FRICTION MATERIALS STANDARDS INSTITUTE, INC. E-210 ROUTE #4, PARAMUS, N.J. 07652

BULLETIN

NO. 475

May 25, 1973

TO: ACTIVE MEMBERS
REGIONAL MEMBERS

SUBJECT: LONAFLEX, S.A. (BRAZIL)

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Lonaflex, S.A. (Brazil) has been in the friction material business since 1949. They are represented in the U.S. by the Fallar Company (George Fallar) Mamaroneck, N.Y.

To clarify some questions, if Lonaflex, S.A. (Brazil) uses the copyrighted FMSI numbers on their products, cartons, or literature for sale in the United States, their fee schedule will be the same as that for Active Members.

E. W. Drislane
Executive Director

Lonaflex S.A. (Brasile)

May 25, 1973

Mr. George W. Fallar
The Fallar Company
628 Orienta Drive
Mamaroneck, N.Y. 10543

Dear Mr. Fallar:

Attached is a notice sent on May 25, 1973 to the membership. Lonaflex, S.A. will be a Regional Member effective at July 1, 1973 (the start of our fiscal year).

The \$1,300 which we received from Lonaflex, S.A. has been held in an un-earned income account and will be applied towards the Lonaflex, S.A. 1973-74 dues. Regional members dues are ordinarily \$1,300 annually. However, those Regional members wishing to use the Copyrighted FMSI numbers on their linings, cartons, price lists shipped to or used in the U.S.A. pay the same fees as Active members (U.S. Manufacturers). See my attached letter of November 30, 1972 concerning the fee schedule.

While the Lonaflex, S.A. Membership does not become effective until July 1, 1973, I've enclosed some recent Catalogs published by the Institute. If Lonaflex, S.A. is interested, I can advise price and delivery. Note that two of the Catalogs are 1971 issues. Both these Catalogs are currently being up-dated with 1973 issues which Lonaflex, S.A. could order.

I plan on putting Lonaflex, S. A. on our mailing list as of July 1, 1973. Please advise mailing instructions--should they be mailed to Fallar Co. or to someone's attention in Sao Paulo.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc
Encs.

E. W. Drislane
Executive Director

FMSI 11086

THE FALLAR COMPANY

628 ORIENTA AVENUE • MAMARONECK, NEW YORK 10543 • (914) OW 8-7100

Lonaflex S.A.

L

March 30, 1973.

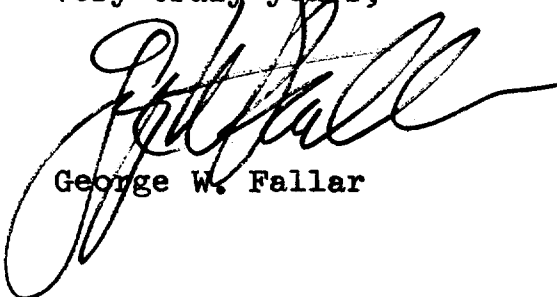
Mr. E.W. Drislane, Exec. Dir.
Friction Material Standards Institute, Inc.
Bergen Mall Office Center
East 210 Route 4
Paramus, N.J. 07652

Dear Mr. Drislane:

In accordance with our telephone conversation, we are forwarding the two completed applications for membership in behalf of our principals, LONAFLEX S.A.

Thank you.

Very truly yours,



George W. Fallar

GWF/im

FMSI 11087

April 4, 1973

Mr. George W. Fallar
The Fallar Company
628 Orienta Avenue
Mamaroneck, New York 10543

Dear Mr. Fallar:

Per our conversation of last week, I am returning a Xerox copy of the Membership Application filed by Lonaflex S.A.

As I indicated to you, this Application will be processed over the next few months by our Membership Committee, the Board of Directors, and the Membership itself. I would expect that action will be taken on this Application sometime in June of this year.

Sincerely,

FRICION MATERIALS STANDARDS INSTITUTE

EWD:11z
Enc.

E. W. Drislane
Executive Director

Lonaflex

March 16, 1973

Mr. George W. Fallar
The Fallar Company
628 Orienta Avenue
Mamaroneck, New York 10543

Dear Mr. Fallar:

I believe it would be timely if you could now forward Lonaflex's application for membership.

With an application at this time they would probably become members as of July 1, 1973. (For the fiscal year ending June 30, 1974.)

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE, INC.

EWD/lmc

E. W. Drislane
Executive Director

Lonaflex (Brazie)

November 30, 1972

Mrs. George W. Fallar
The Fallar Company
628 Orienta Avenue
Mamaroneck, New York 10543

Dear Mrs. Fallar:

This concerns our phone conversation of November 29, 1972.

The annual fee for a Regional Member is \$1,300. This fee is established for manufacturers of brake linings and clutch facings outside of the United States who are entitled to all rights and privileges in use of the copyrighted FMSI numbers for foreign distribution.

As the foreign manufacturers are now advanced to the point where they are exporting to the United States, a decision was made last June as regards those Regional Members exporting to the United States. The decision was, since the Regional Members wished to use the copyrighted FMSI numbers on their literature and on their products being exported to the United States, that for all intents and purposes they now had all the rights of a domestic manufacturer. For this reason, the Board of Directors decided that Regional Members exporting to the United States should pay the same annual fee that the United States manufacturers pay.

The schedule for a Regional Member exporting to the United States would be as follows:

Basic annual fee -	\$1,050.00
Additional category fee -	650.00

With a basic fee and a single category, a Member's dues would be \$1,700 per year. If that Member were involved in two categories, the annual membership fee would be \$2,350. If the Member were engaged in three categories, the fee would be \$3,000. If the Member were engaged in all four categories, the fee would be \$3,650.

I have attached a copy of an explanation of category filing. Essentially, there are four categories: brake linings, brake blocks, clutch facings, new unlined brake shoes. If Lonaflex were exporting only one category to the United States their fee would be \$1,700. If they were exporting two categories to the United States their fee would be \$2,350, etc.

As Lonaflex has already forwarded \$1,300 it might be to their advantage to hold off making application until March of 1973. It normally takes about two months to process an application. With that in mind, it might

FMSI 11090

Mrs. George W. Fallar
The Fallar Company

-2-

November 30, 1972

be possible to apply the \$1,300 already received towards their dues for the July 1, 1973 to June 30, 1974 fiscal year. At that time, if they are exporting one category into the United States they would then owe \$400. If they were not exporting any of these categories into the United States the \$1,300 would cover their annual fee.

I trust the foregoing helps explain the fee situation.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD:11z
Enc.

Lonaflex (Brazil)

November 16, 1972

Mr. George W. Fallar
The Fallar Company
628 Orienta Avenue
Mamaroneck, New York 10543

Dear Mr. Fallar:

I have your letter of November 14, 1972 as concerns the specimen Application for Membership. As regards Item 7, we are interested in volume and not dollars. Similarly, on Item 8 we are interested in volume and not dollars. While we are able to translate Spanish, we are going to have difficulty and I must insist that the Lonaflex application be prepared in English, the way you show. Also, because the Portugese is a bit more difficult to translate, I would appreciate it if when your client has problems that they contact us in English.

As I am sure you are aware, I received the Lonaflex check for U.S.\$1,300.00. We are anxiously awaiting receipt of a signed Application by your Brazilian principals. Additional copies of the Application Form are enclosed.

Sincerely,

FRICITION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Director

EWD:llz
Enc.

FMSI 11092

THE FALLAR COMPANY

628 ORIENTA AVENUE · MAMARONECK, NEW YORK 10543 · (914) OW 8-7100

November 14, 1972.

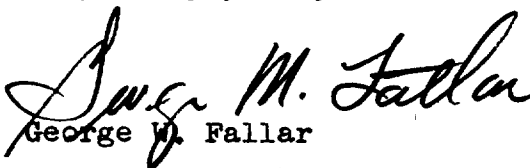
Mr. E.W. Drislane, Exec. Dir.
Friction Materials Standards Institute, Inc.
Bergen Mall Office Center
East 210 Route 4
Paramus, N.J. 07652

Dear Mr. Drislane:

Enclosed is a partially completed application for membership in behalf of our Brazilian principals, LONAFLEX S.A.

Your comments will be appreciated.

Very truly yours,


George W. Fallar

GWF/im

FMSI 11093

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.

SPECIMEN

Gentlemen:

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

1. Name of Applicant: Lonaflex S.A.
2. State of Incorporation: Sao Paulo, Brazil
3. Principal Office: _____
4. Date of Incorporation: May, 1949
5. Length of time dealing with friction materials: 22 years
6. Do you manufacture friction materials from the basic materials or do you buy partially finished products from other companies: _____

7. Type of friction materials manufactured, and approximate annual capacity of plant: 1,200,000 linings monthly; 400,000 clutch facings monthly
_____ dollars or volume?
8. State approximate amount of said materials manufactured in commercial quantities: _____ dollars or volume?

9. Is the distribution of your product national, international or local: _____
currently national
10. Do you list the materials you manufacture in catalogs or in some other form; if so, will you furnish us with a copy of same: yes, in
Portuguese
11. Reference as to financial strength in relation to operations: _____
Banco Aurea de Investimento S.A.
12. Is plant owned by applicant or leased: owned

APPLICATION FOR MEMBERSHIP

Page two

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.

BY _____

New York City
(212) 767-1033

Lonaflex
(L)

April 5, 1972

File

Fallar Company
628 Orienta Avenue
Mamaroneck, N.Y. 10543

Subject: Lonaflex, Brazil

Dear Mr. Fallar:

I have enclosed two copies each of the following:

Application Blank for Regional Membership
Constitution and By-Laws of the Institute

These are for

Lonaflex of Brazil
Avenida Autonomistas
Sao Paulo, Brazil, S.A.

Should Lonaflex wish to apply for Regional Membership, they must be currently manufacturing brake linings or clutch facings in commercial quantities. Further, they must forward \$1,300 (U.S. dollars) with their application. This would be the annual dues, assuming no change in the 1972-73 fiscal year. After the first year (July 1, 1972-June 30, 1973) dues would be due on a quarterly basis.

It normally takes about 2 months to act on an application for membership. Should Lonaflex have any particular questions on membership, I would be pleased to answer them.

Sincerely,

FRICTION MATERIALS STANDARDS INSTITUTE

E. W. Drislane
Executive Secretary

EWD:llz
Encs.

October 26, 1972

Mrs. J. Faller
Faller Company
628 Orienta Avenue
Mamaroneck, New York #10543

Dear Mrs. Faller:

I have enclosed two copies of the following:

Application Blank for Regional Membership

These are for:

Lonaflex of Brazil
Avenida Autonomistas
Sao Paulo, Brazil, S. A.

Sincerely,

Friction Materials Standards Institute

EWD/erc
Encs.

E. W. Drislane
Executive Director

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

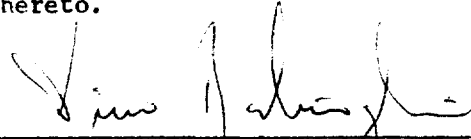
TO THE BOARD OF DIRECTORS OF
FRICTION MATERIALS STANDARDS INSTITUTE, INC.

Gentlemen:

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

1. Name of Applicant: Lonaflex S.A.
2. State of Incorporation: São Paulo - BRASIL
3. Principal Office: São Paulo - Brasil
4. Date of Incorporation: May, 1940
5. Length of time dealing with friction materials: 22 years
6. Do you manufacture friction materials from the basic materials or do you buy partially finished products from other companies: We manufacture friction materials from the basic materials (raw materials).
7. Type of friction materials manufactured, and approximate annual capacity of plant: brake linings = 2,400 tons of finished product
clutch facings = 150 tons of finished products
8. State approximate amount of said materials manufactured in commercial quantities: brake linings = 10,000,000 pieces
clutch facings = 120,000 pieces
9. Is the distribution of your product national, international or local: national distribution
10. Do you list the materials you manufacture in catalogs or in some other form; if so, will you furnish us with a copy of same: Yes, in Portuguese
11. Reference as to financial strength in relation to operations: Banco Aurca de Investimento S.A.
12. Is plant owned by applicant or leased: The plant is owned by the applicant.

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.



LONAFLEX S. A.
QUARNIÇÕES PARA FREIOS

BY

DINO FRANCO RABIOLIS
Diretor Superintendente