



PROCEDIMENTO DE CONTROLE DA QUALIDADE DE GUARNIÇÕES PARA FREIOS  
**BRAKE LINING QUALITY CONTROL TEST PROCEDURE**

SAE J 661a - NBR 5541

MATERIAL: **PD/989**

LOTE: \_\_\_\_\_

Programa Nº: \_\_\_\_\_

Program. No. \_\_\_\_\_

Máquina Nº: \_\_\_\_\_

Machine No. \_\_\_\_\_

Operador: \_\_\_\_\_

Operator \_\_\_\_\_

Visto: \_\_\_\_\_

Visa \_\_\_\_\_

M.ESPECÍFICA ( NBR 5544 ): 2,50 g/cm<sup>3</sup>  
**Specific Gravity**

DUREZA ( NBR 5520 ): 45 GC  
**Hardness**

**DESGASTE  
Wear Data**

Espessura, mm      Peso, gr  
**Thickness              Weight**

INICIAL: \_\_\_\_\_

**Start**

FINAL: \_\_\_\_\_

**Finish**

PERDA: 0,20      0,350

**Loss**

% \_\_\_\_\_

ENSAIO DESGASTE 204 °C: 0,10 mm

**Wear Test 400 °F**

TAXA DESGASTE 204 °C: \_\_\_\_\_ cm<sup>3</sup>/Kwh

**Wear Rate 400 °F**

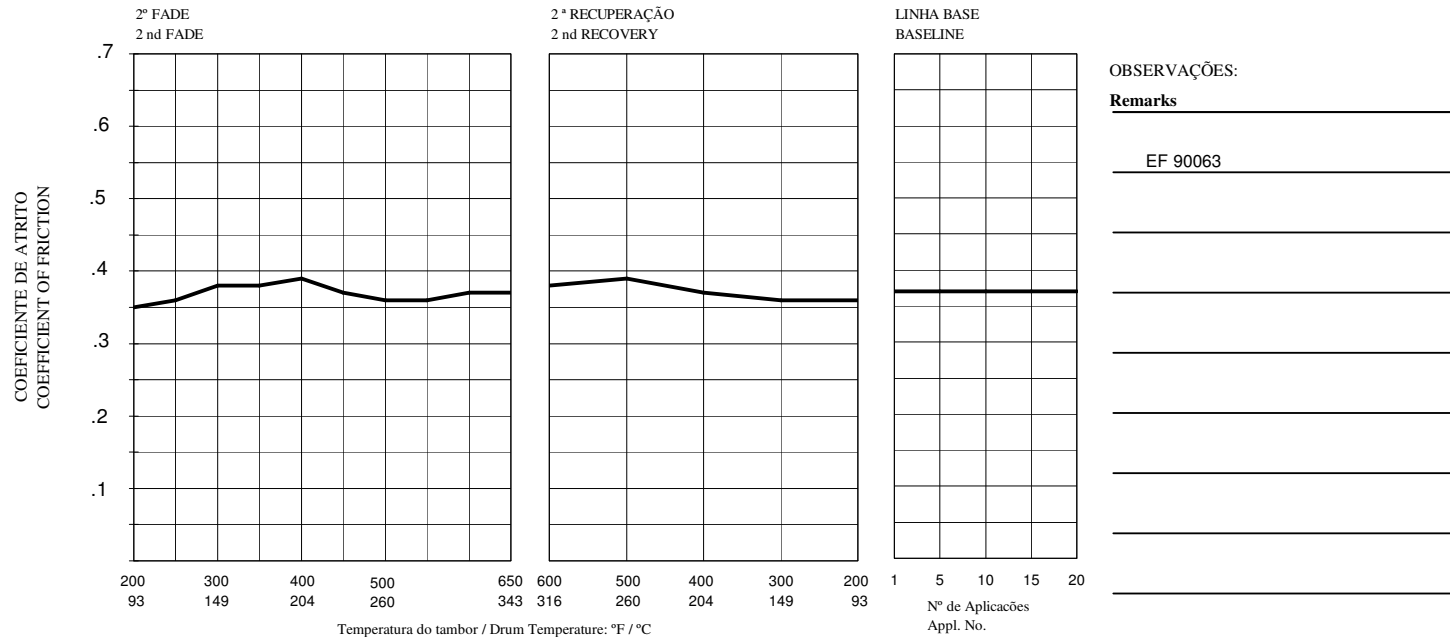
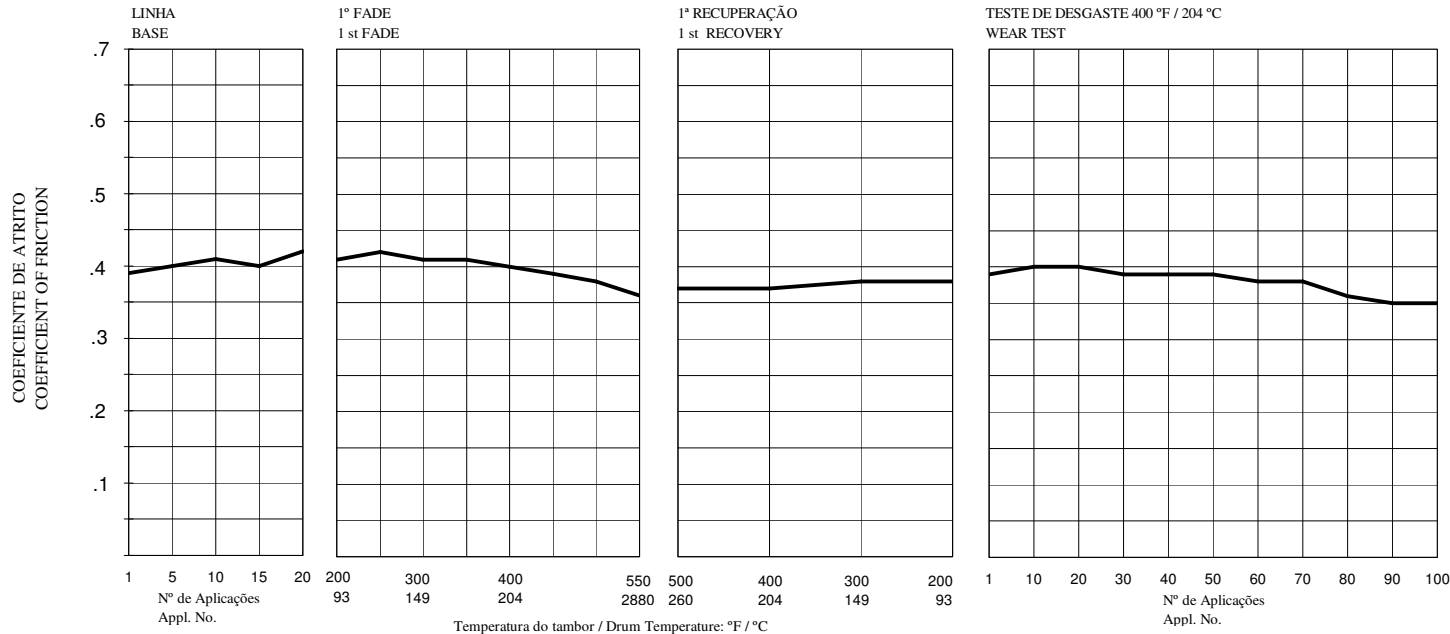
COEFICIENTE DE ATRITO:  
**Coefficient of Friction**

NORMAL: 0,370 F  
**Normal**

QUENTE: 0,370 F  
**Hot**

ENSAIO Nº: \_\_\_\_\_ DATA:  
**Test No.                      Date**

dez/01



OBSERVAÇÕES:

**Remarks**

EF 90063