



Friction & Phenolic Specialists

Product Data Sheet: SF001

GENERAL DESCRIPTION

SF001 is a *Sintered* friction material, suitable for use in *Medium Friction* applications in a wide variety of equipments.

FEATURES

- Exceptional dimensional stability
- Excellent Fade resistance
- Excellent Recovery

PHYSICAL & MECHANICAL PROPERTIES

Specific Gravity (SAE J380) : 4.67

Rockwell Hardness (SAE J379A): HRL 63-67

FRICITIONAL PROPERTIES

Coefficient of Friction (SAE J661):

Normal* : 0.39
Hot* : 0.41

Wear Rate (SAE J661)

(inch³/hp-hr) : 0.003

Friction Code

: FF

Maximum Operating Limits:

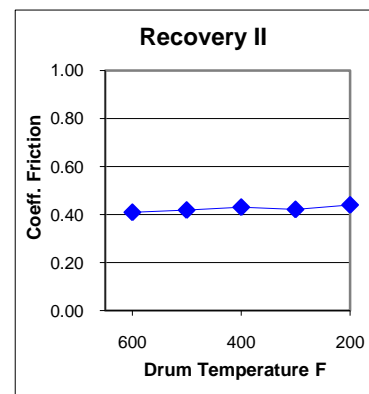
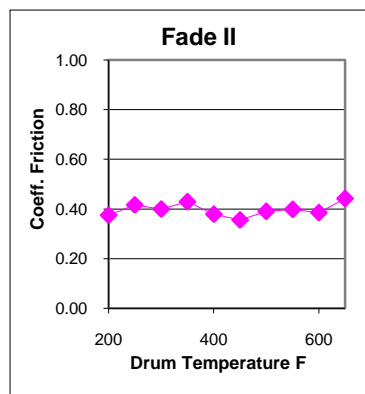
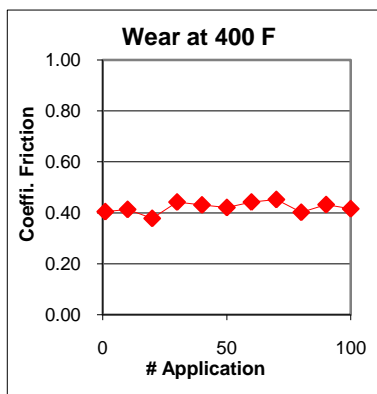
Rubbing Speed** : 10000 fpm

Pressure** : 2000 psi

Drum Temperature for

Constant Operation** : 1200°F

SAE J661A TEST CURVES



*Note 1. – Friction values shown are for guide purposes only since values deviate with changes in temperature, pressure and speed. Practical design should include a 25 to 50 percent safety factor.

**Note 2. – Rubbing speed, drum temperature, and pressure are directly related. Changing any one value will change the others. The values shown represent typical conditions, but are not the ultimate limits of the material