



# Product Data Sheet: Gemini-GX

## PRODUCT DESCRIPTION

Gemini-GX is a flexible extruded lining in the medium to high friction range that is suitable for both wet (when cured) and dry applications. Recommended for light to medium duty clutch and brake applications and it is available in virtually every drum diameter and shape required.

## CHARACTERISTICS

- High Tensile strength
- Uniform friction
- Good fade
- Good wear rate

## FRICTIONAL PROPERTIES

<b>Coefficient of Friction (SAE J661):</b>	
Normal*	: 0.43
Hot*	: 0.40
<b>Wear Rate (SAE J661)</b>	
(inch <sup>3</sup> /hp-hr)	: 0.002 <sub>max</sub>
<b>Friction Code</b>	: FF
<b>Maximum Operating Limits:</b>	
Rubbing Speed**	: 5000 fpm
Pressure**	: 150 psi
<b>Drum Temperature for</b>	
Constant Operation**	: 550°

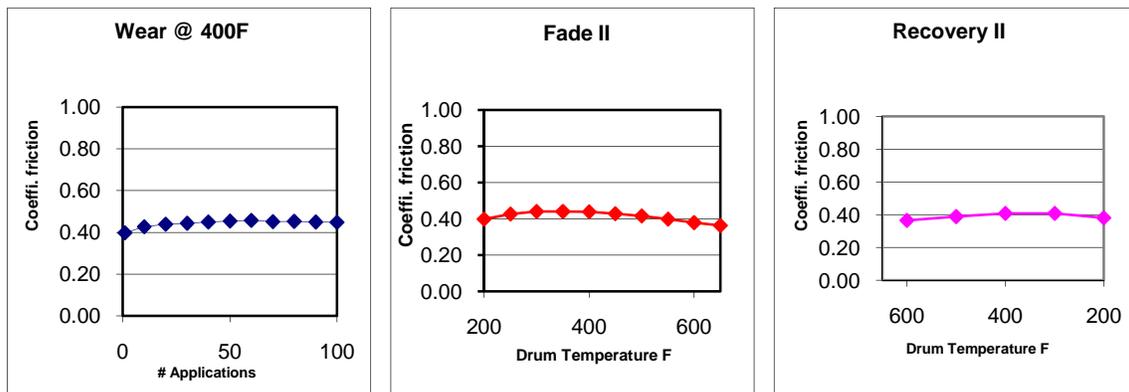
## MECHANICAL PROPERTIES

Specific Gravity (SAE J380) : 2.01-2.07

Tensile Strength, PSI (ASTM D638) : 1478<sub>min</sub>

Shore D Hardness (ASTM D2240-68) : 72-76

## 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.