PRODUCT DESCRIPTION:
RF 43 is a rigid molded Non-Asbestos, Metallic, graphitic friction material suitable for use in Medium Friction brake/clutch applications in a wide variety of equipments. RF 43 is non-corrosive, smooth, non-abrasive and keeps the interface temperatures down on brakes. It can be molded into wide range of shapes and sizes to satisfy virtually all industrial applications.

CHARACTERISTICS
- High compressibility
- Uniform friction
- Excellent fade & recovery
- Excellent wear rate

MECHANICAL PROPERTIES
Specific Gravity (SAE J380) : 1.70
Shore Hardness (SAE J379A) : 45-55

FRICATIONAL PROPERTIES
Coefficient of Friction (SAE J661):
- Normal* : 0.54
- Hot* : 0.51
Wear Rate (SAE J661) (inch$^3$/hp-hr) : 0.003$_{\text{max}}$
Friction Code : GG
Maximum Operating Limits:
- Rubbing Speed** : 7500 fpm
- Pressure** : 1000 psi
- Drum Temperature for Constant Operation** : 500°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.