

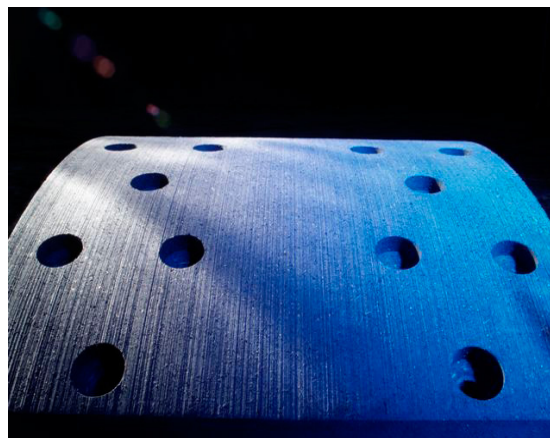
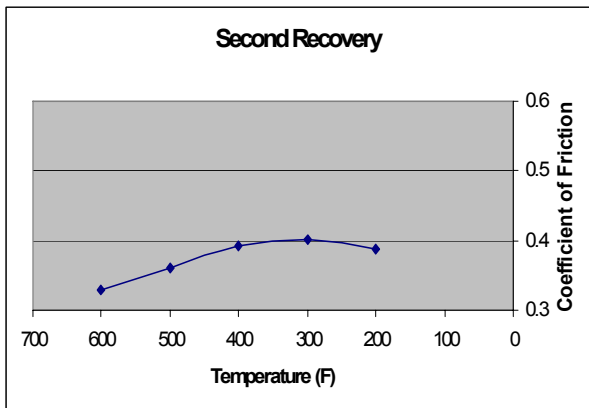
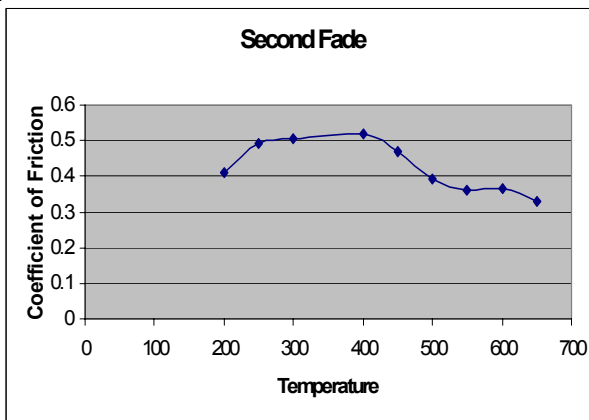
THERMOFIBER 1500GD

THE THERMOFIBER 1500 series is a totally new approach for a rigid molded material. With its proprietary 55% fiber content, TF 1500 was originally designed to replace both asbestos woven blocks on well service drilling rigs and high resin, high cost folded and compressed lining. Our TF1500 series uses a complex molecular weave to form a dense fiber alignment and a compact surface structure

THERMOFIBER 1500GD blocks deliver outstanding wear life and smooth service in difficult cycle duty applications where the condition of the mechanical balance is problematic for a traditional 15% low-glass rigid molded product.

THERMOFIBER 1500GD delivers 40-50% longer life at a lower cost than common folded and compressed products offered today.

THERMOFIBER 1500GD adds a glass fiber net on the rear surface for added mechanical strength.



TECHNICAL DATA

| | |
|--|-----------------------|
| COLOR | Amber |
| STRUCTURE | Rigid |
| COMPOSITION | |
| Metallic | No |
| Aramid | Yes |
| MAIN FIBER | Glass |
| TYPE OF SERVICE | Dry |
| COEFFICIENT OF FRICTION¹ | 0.482 Normal |
| (μ) | 0.408 Hot |
| WEAR RATE² | Good |
| SHEAR IMPACT STRENGTH | High+ |
| MECHANICAL RESISTANCE | |
| Tensile Strength | 3678 (ASTM D658-91) |
| Flexural Strength | 16700 (ASTM D790-97) |
| Compressive Strength | 22100 (ASTM D7243-47) |
| HARDNESS | 88-90 |
| SPECIFIC GRAVITY | 1.94 |
| MAX. RUBBING SPEED³ | 7500 |
| MAX. DRUM TEMPERATURE² | 750 |
| MAX. PRESSURE | 150 |
| AVAILABLE FORMS | |
| Radius Blocks | Yes |
| Gear Tooth Facings | |
| Disc Brake Pads | |
| Clutch Facings & Buttons | |
| Roll Linings | |
| Flat Sheets | |
| Special Molded Pieces | Yes |

¹-According to CHASE Test SAE-J661-A, Note: Tested by Link Testing Laboratories-Michigan-USA. ² Values calculated 400 F (204 C), 150 PSI, 20 ft/sec data point is typical of standard operating conditions, not the maximum limits of the compound. Wear rates vary with changes in temperature, pressure, and speed. Parameters- excellent: 0.006/0.008, good: 0.009/0.011 moderate; +0.012. ³ Feet/Min constant operation

ProTec
FRICITION SUPPLY

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