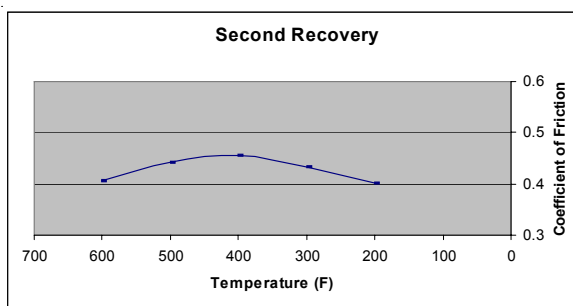
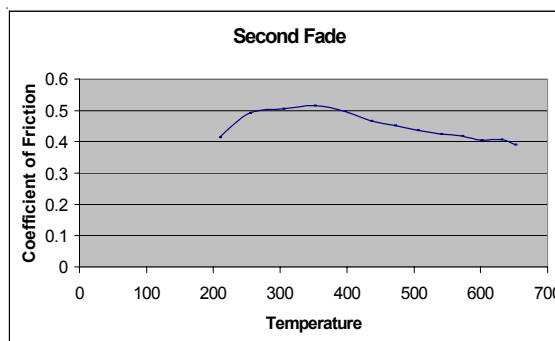


# THERMOFIBER 1500

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



## TECHNICAL DATA

<b>COLOR</b>	Grey-Green
<b>STRUCTURE</b>	Rigid
<b>COMPOSITION</b>	
Metallic	No
Aramid	Yes
<b>MAIN FIBER</b>	Glass
<b>TYPE OF SERVICE</b>	Dry
<b>COEFFICIENT OF FRICTION<sup>1</sup></b>	0.482 Normal
(μ)	0.408 Hot
<b>WEAR RATE<sup>2</sup></b>	Good
<b>SHEAR IMPACT STRENGTH</b>	High+
<b>MECHANICAL RESISTANCE</b>	
Tensile Strength	3650 (ASTM D658-91)
Flexural Strength	16700 (ASTM D790-97)
Compressive Strength	22100 (ASTM D7243-47)
<b>HARDNESS</b>	86
<b>SPECIFIC GRAVITY</b>	1.94
<b>MAX. RUBBING SPEED<sup>3</sup></b>	7500
<b>MAX. DRUM TEMPERATURE<sup>2</sup></b>	750
<b>MAX. PRESSURE</b>	150
<b>AVAILABLE FORMS</b>	
Radius Blocks	Yes
Gear Tooth Facings	
Disc Brake Pads	
Clutch Facings & Buttons	
Roll Linings	
Flat Sheets	
Special Molded Pieces	Yes

<sup>1</sup>-According to CHASE Test SAE-J661-A, Note: Tested by Link Testing Laboratories-Michigan-USA. <sup>2</sup> 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-<sup>3</sup> Feet/Min constant operation

**ProTec**  
FRICION SUPPLY

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**THERMOFIBER 1500**







