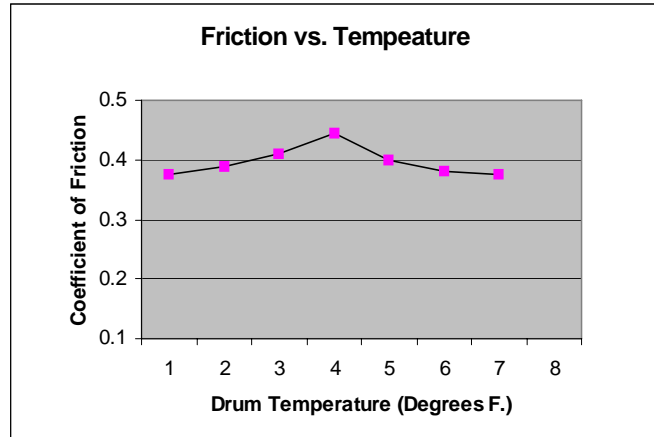


# THERMOFIBER 1424

**THERMOFIBER 1424** is a flexible molded non-metallic friction material. It's material composition consists of Binders, Mineral Fibers, Glass Fibers, Friction Modifiers, Fillers and Curatives.

**THERMOFIBER 1424** has a medium coefficient of friction combined with good mechanical properties and temperature/wear resistance. Known for it's excellent heat dissipation and speed/pressure insensitivity, TF1424 is particularly suitable for use in medium to heavy duty brakes of passenger cars and light commercial vehicles and for all industrial/off highway brake applications.



## TECHNICAL DATA

<b>COLOR</b>	Grey
<b>STRUCTURE</b>	Flexible
<b>COMPOSITION</b>	
<b>Metallic</b>	No
<b>Aramid</b>	No
<b>MAIN FIBER</b>	Glass
<b>TYPE OF SERVICE</b>	Dry
<b>COEFFICIENT OF FRICTION<sup>1</sup></b>	0.41 Normal
<b>WEAR RATE<sup>2</sup></b>	Very Good
<b>SHEAR IMPACT STRENGTH</b>	2.10 MN/N <sup>2</sup> @ 77°F
<b>MECHANICAL RESISTANCE</b>	
<b>Tensile Strength</b>	
<b>Flexural Strength</b>	
<b>Compressive Strength</b>	
<b>HARDNESS</b>	75-80
<b>SPECIFIC GRAVITY</b>	1.95 - 2.0
<b>MAX. RUBBING SPEED<sup>3</sup></b>	
<b>MAX. DRUM TEMPERATURE<sup>2</sup></b>	590° F.
<b>MAX. PRESSURE</b>	180 psi
<b>AVAILABLE FORMS</b>	
<b>Radius Block</b>	
<b>Gear Tooth Facings</b>	
<b>Disc Brake Pad</b>	
<b>Bonding Segments</b>	Yes
<b>Roll Lining</b>	Yes
<b>Flat Sheet</b>	

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 -<sup>3</sup> Feet/Min constant operation



**ProTec**  
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