

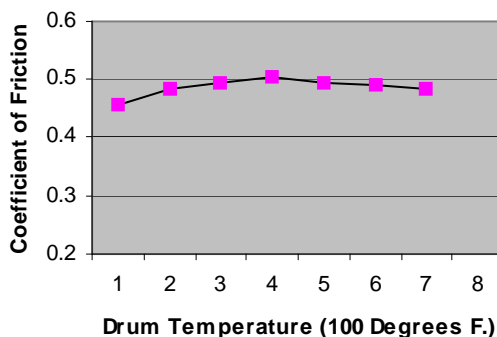
# THERMOFIBER 1479

THERMOFIBER 1479 is ProTec's upgraded flexible molded, metallic bonding segment, providing stable GG level friction and excellent machinability.

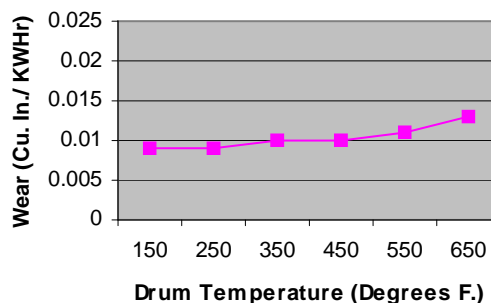
THERMOFIBER 1479's HI-TENSILE characteristics provide a tough yet pliable material with superior rivet-hole strength.. It has good resistance to both fade and wear over a wide range of temperatures and is particularly effective in overcoming braking problems like squeal, shudder and grab.

THERMOFIBER 1479 comes in most industrial and drum passenger car sizes.

Friction vs. Temperature



Wear vs. Temperature



## TECHNICAL DATA

<b>COLOR</b>	Grey
<b>STRUCTUE</b>	Flexible
<b>COMPOSITION</b>	
Metallic	Yes
Aramid	Yes (Trace)
<b>MAIN FIBER</b>	Glass
<b>TYPE OF SERVICE</b>	Dry
<b>COEFFICIENT OF FRICTION<sup>1</sup></b>	0.47 Norm -- 0.48 Dyn
<b>WEAR RATE<sup>2</sup></b>	Very Good
<b>SHEAR IMPACT STRENGTH</b>	12 MN/N <sup>2</sup>
<b>MECHANICAL RESISTANCE</b>	
Tensile Strength	
Flexural Strength	
Compressive Strength	
<b>HARDNESS</b>	75-80
<b>SPECIFIC GRAVITY</b>	2.0 - 2.15
<b>MAX. RUBBING SPEED<sup>3</sup></b>	25 m/s
<b>MAX. DRUM TEMPERATURE<sup>2</sup></b>	650 F.
<b>MAX. PRESSURE</b>	180 psi
<b>AVAILABLE FORMS</b>	
Radius Block	
Gear Tooth Facings	
Disc Brake Pad	
Bonding Segments	Yes
Roll Lining	Yes
Flat Sheet	

<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**  
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