

# THERMOFIBER 3020

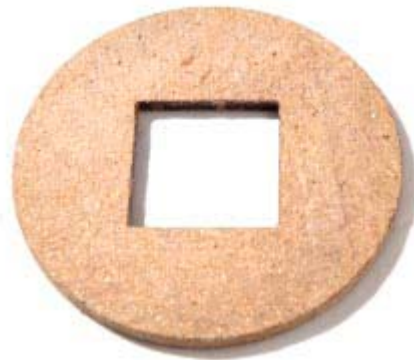
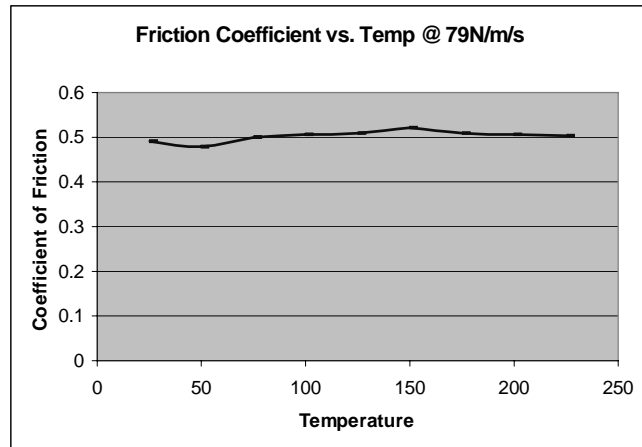
**THERMOFIBER 3020** is a low kevlar laminate consisting of resin impregnated textile material with metallic and aramid components. GG - level friction is highly stable across all operating temperatures

**THERMOFIBER 3020** is typically used for heavy-duty industrial press brake pads and for geared brake discs for industrial machinery.

## TECHNICAL DATA

<b>COLOR</b>	Yellow/Gold
<b>STRUCTURE</b>	Rigid
<b>COMPOSITION</b>	
<b>Metallic</b>	Yes
<b>Aramid</b>	Yes
<b>MAIN FIBER</b>	Glass
<b>TYPE OF SERVICE</b>	Dry
<b>COEFFICIENT OF FRICTION<sup>1</sup></b>	0.49 Normal
( $\mu$ )	0.50 Hot
<b>WEAR RATE<sup>2</sup></b>	Good
<b>SHEAR IMPACT STRENGTH</b>	High
<b>MECHANICAL RESISTANCE</b>	(n/mm <sup>2</sup> )
<b>Burst Strength</b>	47.52 (ASTM D638)
<b>Flexural Strength</b>	
<b>Compressive Strength</b>	410 (UNE ISO604)
<b>HARDNESS</b>	86 - 93
<b>SPECIFIC GRAVITY</b>	1.65
<b>MAX. RUBBING SPEED<sup>3</sup></b>	
<b>MAX. DRUM TEMPERATURE<sup>2</sup></b>	662° F
<b>MAX. PRESSURE</b>	150 psi
<b>AVAILABLE FORMS</b>	
<b>Radius Blocks</b>	
<b>Gear Tooth Facings</b>	Yes
<b>Disc Brake Pads</b>	Yes
<b>Clutch Facings &amp; Buttons</b>	
<b>Roll Linings</b>	
<b>Flat Sheets</b>	Yes
<b>Special Molded Pieces</b>	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



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