

# THERMOFIBER 1478

**THERMOFIBER 1478** is an OE grade flexible bonding segment providing FF level friction and excellent machinability.

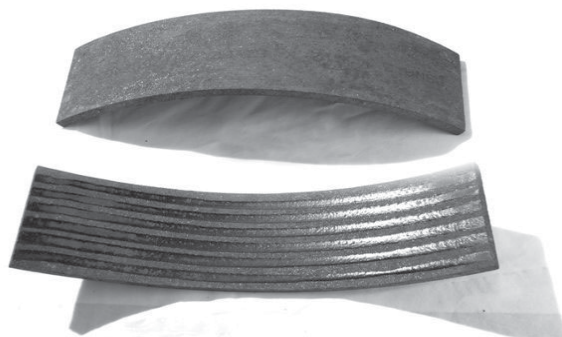
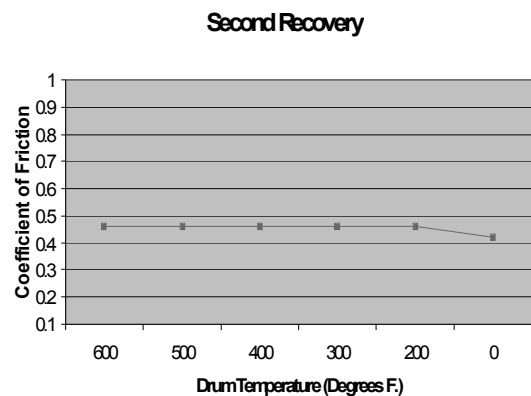
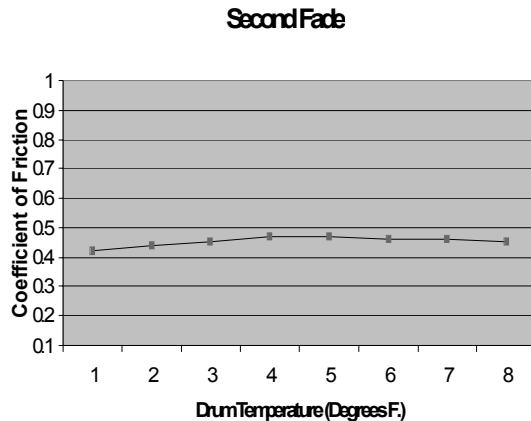
**THERMOFIBER 1478's** HI-TENSILE characteristics provide a tough yet pliable material with superior rivet-hole strength. It resists fade and wear and is made for automotive and heavy-duty use.

**THERMOFIBER 1478** is available in any segment size in plain or pre-cemented.

## TECHNICAL DATA

COLOR	Grey
STRUCTUE	Flexible
COMPOSITION	
Metallic	Yes
Aramid	No
MAIN FIBER	Glass
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION <sup>1</sup>	0.44 Normal
WEAR RATE <sup>2</sup>	Very Good
SHEAR IMPACT STRENGTH	2.15 MN/N <sup>2</sup> @ 77°F
MECHANICAL RESISTANCE	
Tensile Strength	
Flexural Strength	
Compressive Strength	
HARDNESS	75-80
SPECIFIC GRAVITY	2.0 - 2.10
MAX. RUBBING SPEED <sup>3</sup>	
MAX. DRUM TEMPERATURE <sup>2</sup>	590 F.
MAX. PRESSURE	180 psi
AVAILABLE FORMS	
Radius Block	
Gear Tooth Facings	
Disc Brake Pad	
Bonding Segments	Yes
Roll Lining	
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**  
**FRICION SUPPLY**

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