

THERMOFIBER 1600

Science Friction

THERMOFIBER 1600 is a specialized light material designed for light, medium and heavy duty, for use in both wet and dry applications. Developed with a new revolutionary formula, this material offers exceptionally low wear rates, great uniformity of frictional co-efficient and smoothness of running, even at elevated temperatures.

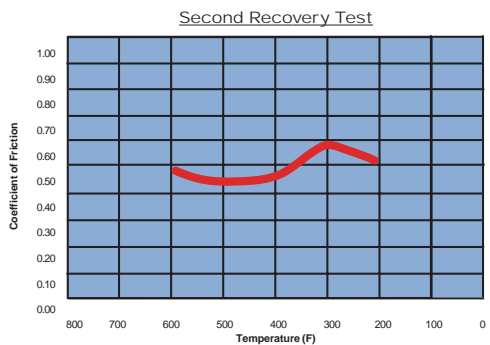
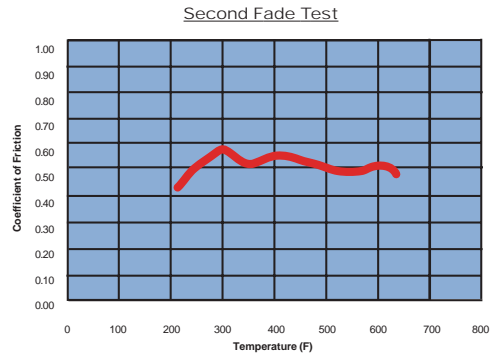
Besides its operating characteristics, THERMOFIBER 1600 has been designed with ecology in mind. The material itself and production process employ no hazardous contaminating products or by-products.

Flat sheets available from 1/32" to 3/8" thickness in a 25" x 25" size; available pre-cemented; available double bonded for added thickness and strength.

TECHNICAL DATA

COLOR	Green
STRUCTURE	Semi Flexible
COMPOSITION	
Metallic	No
Aramid	Yes
MAIN FIBER	Kevlar
TYPE OF SERVICE	Dry-Wet
COEFFICIENT OF FRICTION¹	0.583 Normal 0.504 Hot
WEAR RATE²	Excellent
SHEAR IMPACT STRENGTH	High
MECHANICAL RESISTANCE	
Burst Strength	>18,200@ 400 F (200rpm)
Flexural Strength	
Compressive Strength	
HARDNESS	80
SPECIFIC GRAVITY	1.0
MAX. DRUM TEMPERATURE²	662 F.
MAX. PRESSURE	180 psi
AVAILABLE FORMS	
Radius Blocks	
Gear Tooth Facings	Yes
Disc Brake Pads	Yes
Clutch Facings & Buttons	Yes
Roll Lining	
Flat Sheets	Yes
Special Molded Pieces	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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