ProTec Friction Supply

RIGID MOLDED LINING

THERMOFIBER 3400

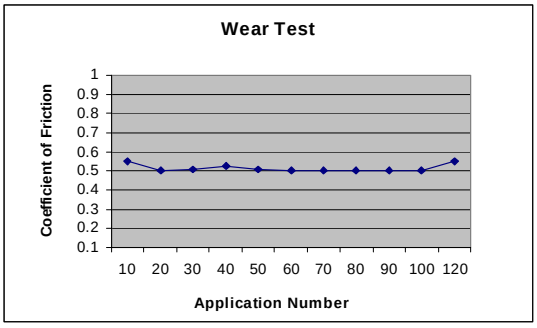
THERMOFIBER 3400 is a medium friction enhanced molded material available in arced drum lining or special piece form. TF offers the high temperature stability and excellent wear characteristics in a fully cured rigid molded material.

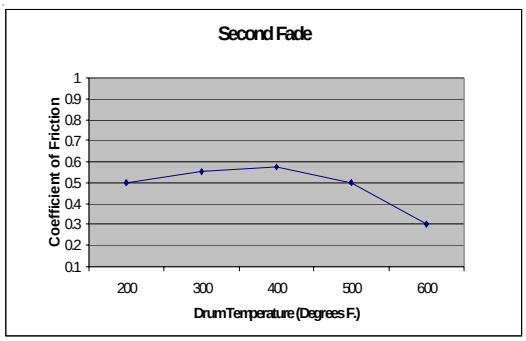
THERMOFIBER 3400 is designed for riveted or bonded applications requiring superior gripability. This material is ideal for Overhead Crane and similar applications.

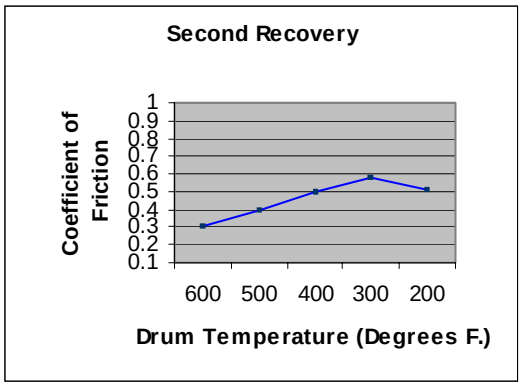
TECHNICAL DATA

COLOR	Black
STRUCTURE	Rigid
COMPOSITION	
Metallic	Yes
Aramid	Yes
MAIN FIBER	Glass and Aramid
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION[1]	0.490 Normal 0.462 Hot
WEAR RATE[2]	Excellent
SHEAR IMPACT STRENGTH	High+
MECHANICAL RESISTANCE	
Tensile Strength	2850 (ASTM D638-91) (0.187 thick)
Flexural Strength	14600 (ASTM D-790-97)
Compressive Strength	18800 (ASTM D685-91)
HARDNESS	88
SPECIFIC GRAVITY	1.90
MAX. RUBBING SPEED[3]	7500
MAX. DRUM TEMPERATURE[2]	750 F.
MAX. PRESSURE	150 psi
AVAILABLE FORMS	
Radius Block	Yes
Gear Tooth Facings	
Disc Brake Pad	Yes
Clutch Facings & Buttons	
Roll Lining	
Flat Sheet	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







ProTec FRICTION SUPPLY

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