

ProTec Friction Supply
Hi-Tensile Flex Molded Lining

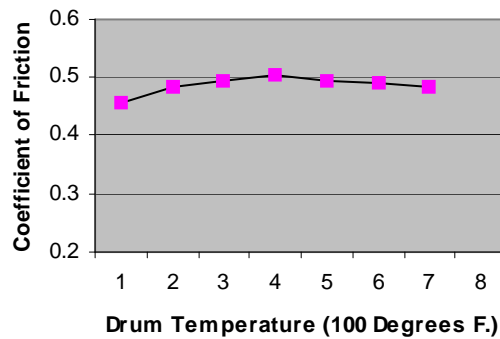
THERMOFIBER 1425

THERMOFIBER 1425 is ProTec's OE upgraded flexible molded, metallic lining providing stable GG level friction and excellent machinability.

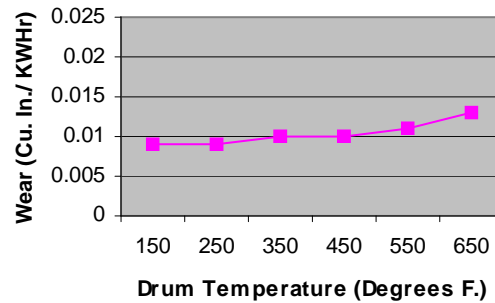
THERMOFIBER 1425's HI-TENSILE characteristics provide a tough yet pliable material with superior rivet-hole strength.. It has good resistance to both fade and wear over a wide range of temperatures and is particularly effective in overcoming braking problems like squeal, shudder and grab.

THERMOFIBER 1425 comes in 12-25 foot rolls available up to 13" wide and 3/4" thick. Wire-backed rolls are available.

Friction vs. Temperature



Wear vs. Temperature



TECHNICAL DATA

COLOR	Grey
STRUCTURE	Flexible
COMPOSITION	
Metallic	Yes
Aramid	Yes (Trace)
MAIN FIBER	Glass
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION¹	0.47 Norm -- 0.48 Dyn
WEAR RATE²	Very Good
SHEAR IMPACT STRENGTH	12 MN/N ²
MECHANICAL RESISTANCE	
Tensile Strength	
Flexural Strength	
Compressive Strength	
HARDNESS	75-80
SPECIFIC GRAVITY	2.0 - 2.15
MAX. RUBBING SPEED³	25 m/s
MAX. DRUM TEMPERATURE²	650 F.
MAX. PRESSURE	180 psi
AVAILABLE FORMS	
Radius Block	
Gear Tooth Facings	
Disc Brake Pad	
Bonding Segments	Yes
Roll Lining	Yes
Flat Sheet	

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
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