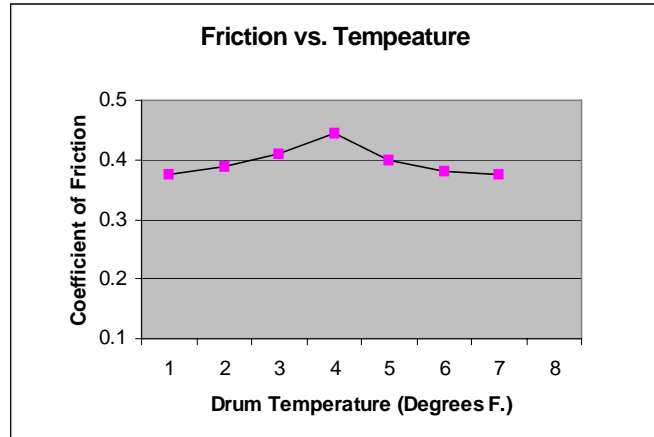


THERMOFIBER 1424

THERMOFIBER 1424 is a flexible molded non-metallic friction material. It's material composition consists of Binders, Mineral Fibers, Glass Fibers, Friction Modifiers, Fillers and Curatives.

THERMOFIBER 1424 has a medium coefficient of friction combined with good mechanical properties and temperature/wear resistance. Known for it's excellent heat dissipation and speed/pressure insensitivity, TF1424 is particularly suitable for use in medium to heavy duty brakes of passenger cars and light commercial vehicles and for all industrial/off highway brake applications.



TECHNICAL DATA

COLOR	Grey
STRUCTURE	Flexible
COMPOSITION	
Metallic	No
Aramid	No
MAIN FIBER	Glass
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION¹	0.41 Normal
WEAR RATE²	Very Good
SHEAR IMPACT STRENGTH	2.10 MN/N ² @ 77° F
MECHANICAL RESISTANCE	
Tensile Strength	
Flexural Strength	
Compressive Strength	
HARDNESS	75-80
SPECIFIC GRAVITY	1.95 - 2.0
MAX. RUBBING SPEED³	
MAX. DRUM TEMPERATURE²	590° 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
FRICITION SUPPLY

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