

THERMOFIBER 1490

THERMOFIBER 1490 is a flexible resin-bonded material designed for medium/heavy-duty industrial applications.

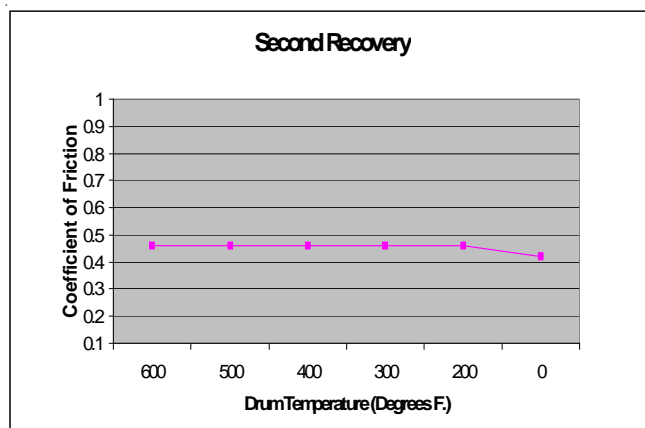
THERMOFIBER 1490's soft form allows for silent operation while producing little wear of the friction and the mating surfaces.

These properties combined with its high coefficient of friction make THERMOFIBER 1490 highly suited to indoor/warehouse crane brakes and electro-mechanical brake/clutch systems.

TECHNICAL DATA

COLOR	Brown
STRUCTURE	Flexible
COMPOSITION	
Metallic	No
Aramid	No
MAIN FIBER	Glass
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION¹	0.55 Normal
WEAR RATE²	Very Good
SHEAR IMPACT STRENGTH	2.15 MN/N ² @ 77° F
MECHANICAL RESISTANCE	
Tensile Strength	
Flexural Strength	
Compressive Strength	
HARDNESS (Shore-D)	68-75
SPECIFIC GRAVITY	1.55
MAX. RUBBING SPEED³	25 m/s intermittent
MAX. DRUM TEMPERATURE²	590 F
MAX. PRESSURE	180 psi
AVAILABLE FORMS	
Radius Block	
Gear Tooth Facings	
Disc Brake Pad	
Bonding Segments	Yes
Roll Lining	
Flat Sheet	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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