

THERMOFIBER 1350

THERMOFIBER 1350 is a medium friction non-asbestos industrial radius lining and brake block material. This material is specifically formulated for expander tube style centrifugal brakes and clutches because it exhibits a porosity that allows the heat to be dissipated away from the rubber expander tube.

THERMOFIBER 1350 has a high resistance to fading and exceptional wear characteristics similar to the other Thermofiber rigid industrial materials.

TECHNICAL DATA

COLOR	Green
STRUCTURE	Rigid
COMPOSITION	
Metallic	Yes
Aramid	No
MAIN FIBER	Glass
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION¹	0.454 Normal
(μ)	0.407 Hot
WEAR RATE²	Excellent
SHEAR IMPACT STRENGTH	Medium
MECHANICAL RESISTANCE	
Tensile Strength	2050 (ASTM D658-91)
Flexural Strength	13200 (ASTM D790-97)
Compressive Strength	16600 (ASTM D7243-47)
HARDNESS	81
SPECIFIC GRAVITY	1.82
MAX. RUBBING SPEED³	7000
MAX. DRUM TEMPERATURE²	700
MAX. PRESSURE	150
AVAILABLE FORMS	
Radius Blocks	Yes
Gear Tooth Facings	
Disc Brake Pads	
Clutch Facings & Buttons	
Roll Linings	
Flat Sheets	
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



45 Kensico Drive, Mt. Kisco, NY 10549
T (877) 349-0005 F (914) 244-3615

THERMOFIBER 1350

