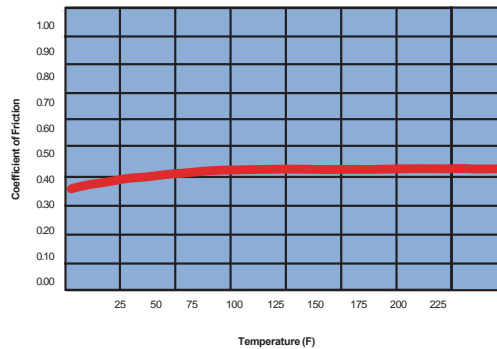


THERMOFIBER 2050

THERMOFIBER 2050 is an economical material that has been optimized for aftermarket clutch facings. TF2050 has glass fiber reinforced yarn and is spiral wound with a fine copper core, providing good burst resistance and a smooth engagement.

THERMOFIBER 2050 facings are available with a steel backing plate for improved mechanical strength.

F.A.S.T. Test



TECHNICAL DATA

COLOR	Brown
STRUCTURE	Rigid
COMPOSITION	
Metallic	Yes
Aramid	No
Lead	No
MAIN FIBER	Glass/copper
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION¹	0.42 Normal
(μ)	0.40 Hot
WEAR RATE²	Good
SHEAR IMPACT STRENGTH	Medium
MECHANICAL RESISTANCE	
Burst Strength	>9,500 rpm @200C
Tensile Strength	2000 (ASTM D638-91)
Flexural Strength	3800 (ASTM D790-97)
Compressive Strength	9,100 (ASTM D685-91)
HARDNESS	80
SPECIFIC GRAVITY	1.79
MAX. RUBBING SPEED³	4300 ft/min
MAX. DRUM TEMPERATURE²	600 F.
MAX. PRESSURE	150 psi
AVAILABLE FORMS	
Clutch Facings	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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THERMOFIBER 2050