

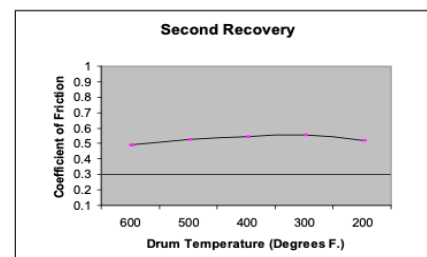
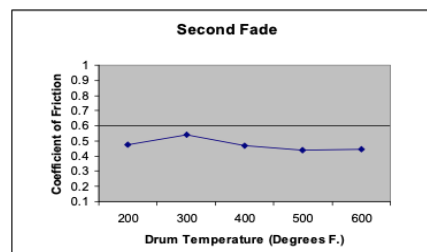
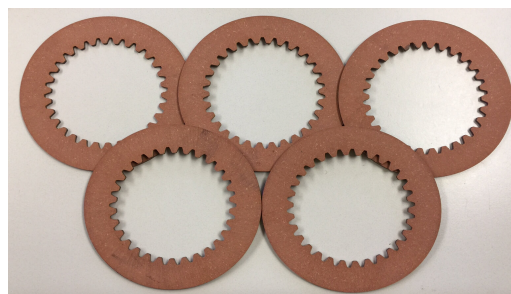
ID Material:
J. Thompson
Revision: 5
Date: 11/25/19

TF1890

Especially developed for OE applications, TF1890 is one of our strongest rigid molded materials with GG level Friction. THERMOFIBER 1890 It contains glass and ceramic fiber reinforcers, along with brass chips for superior heat dissipation.

Technical Data

COLOR:	Yellow-Green
STRUCTURE:	Rigid
COMPOSITION:	
•METALLIC	Yes
•ARAMID	Yes
MAIN FIBER	Glass
TYPE OF SERVICE	Dry
COEFFICIENT OF FRICTION (μ)	0.510 Normal 0.489 Hot
WEAR RATE²	Excellent
SHEAR IMPACT STRENGTH	Excellent
MECHANICAL RESISTANCE	
Tensile Strength	3690 (ASTM D638-91)
Burst Strength	
Flexural Strength	16100 (ASTM D790-97)
Compressive Strength	210960 (ASTM D695-91)
HARDNESS	898
SPECIFIC GRAVITY	1.89
MAX. RUBBING SPEED³	7000 ft/min
MAX. DRUM TEMPERATURE²	750 F
MAX. PRESSURE	150 psi
AVAILABLE FORMS	
Radius Blocks	
Gear Tooth Facings	Yes
Disc Brake Pads	
Clutch Facings & Buttons	
Roll Linings	
Flat Sheets	Yes
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