

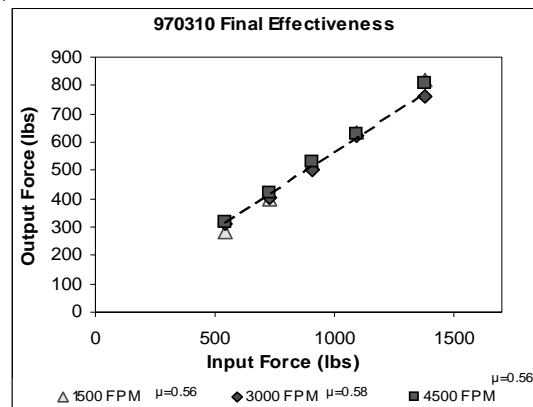
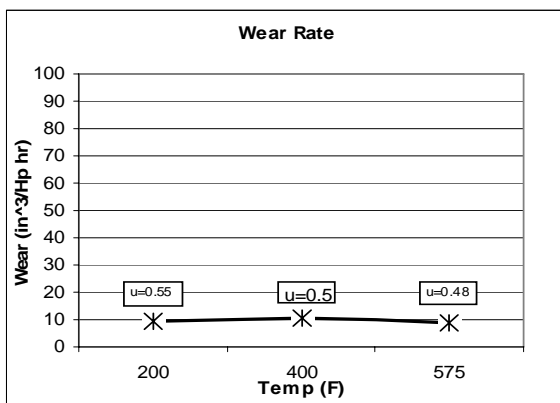
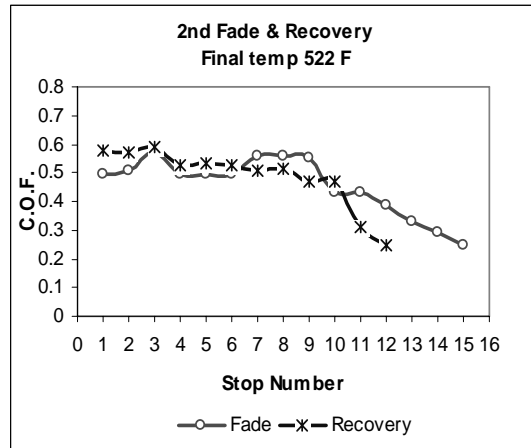
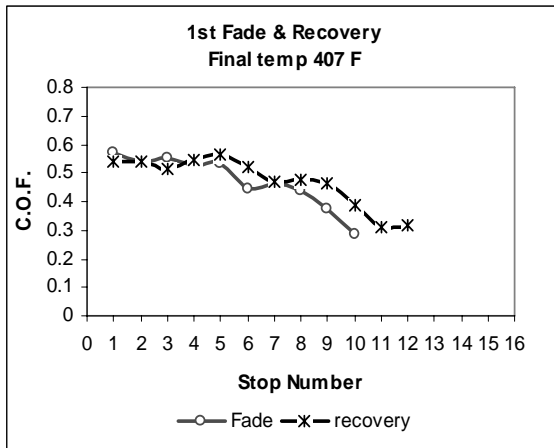
THERMOFIBER 6050

Thermofiber 6050 is a high coefficient material that exhibits exceptional wear characteristics. Static and dynamic friction coefficients perform consistently across different speeds and temperatures, and will not "over-recover."

TF6050 can be bonded, riveted, or bolted to corresponding core/carrier plates. It can be used in clutch and/or brake applications. This material is available in custom configurations or in a 30" x 30" sheet stock up to 2" thick.

Physical Properties

| | |
|--------------------------------------------|------------------------|
| COLOR | Grey |
| STRUCTURE | Rigid |
| COMPOSITION | |
| Metallic | No |
| Aramid | No |
| MAIN FIBER | Glass |
| TYPE OF SERVICE | Dry |
| COEFFICIENT OF FRICTION¹ | 0.52 Static |
| (μ) | 0.49 Dynamic |
| WEAR RATE² | Excellent |
| SHEAR IMPACT STRENGTH | 2151 PSI |
| MECHANICAL RESISTANCE | |
| Tensile Strength | 1800 PSI |
| THERMAL EXPANSION | 16.43×10^{-6} |
| SPECIFIC GRAVITY | 1.85 +/- 0.15 |



This assessment test gives the general performance of the friction material. These graphs represented are specific to our test machines only. Your application will demonstrate different results because of the geometry and test conditions. The other tests information is presented for informational purposes and is representative of test conducted under standard test procedures and controlled condition. Please use as a reference material only.

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STRATEGIC FRICTION

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