

ID Material:  
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# TF600

TF600 is a rugged, dense, premium non-asbestos material, for heavy-duty industrial, marine, and oilfield applications. TF600 has a medium to high coefficient of friction and outstanding thermal stability. TF600 contains brass wire reinforcement throughout. TF600 is constructed with MICROSIELD surface structure. MICROSIELD is a unique compacted surface structure technology. This process improves friction power (by reducing uncontrolled glazing) and reduces brake lining and drum wear. The densified surface structure minimizes the penetration of microscopic particles. Lining surfaces with less dirt, dust, water, mud, and oxidized brake drum particles will better resist uncontrolled glazing. The cleaner friction surface allows better contact, for less hot-spotting and longer wear of lining and drum. You cannot buy a higher 0.80 performance non-asbestos brake lining.

## Technical Data

<b>COLOR</b>	
<b>STRUCTURE</b>	Brown
<b>COMPOSITION</b>	Semi-flexible
<b>Metallic</b>	Yes
<b>Aramid</b>	No
<b>MAIN FIBER</b>	Glass
<b>TYPE OF SERVICE</b>	Wet/Dry
<b>COEFFICIENT OF FRICTION<sup>1</sup></b>	0.470 Normal 0.420 Hot
<b>WEAR RATE<sup>2</sup></b>	Excellent
<b>SHEAR IMPACT STRENGTH</b>	High
<b>MECHANICAL RESISTANCE</b>	
<b>Tensile Strength</b>	4700 (ASTM D638-91) (0.187 thick)
<b>Flexural Strength</b>	Flexible
<b>Compressive Strength</b>	650-1000 (ASTM D685-91)
<b>HARDNESS</b>	
<b>SPECIFIC GRAVITY</b>	1.23
<b>MAX. RUBBING SPEED<sup>3</sup></b>	4600 ft/min
<b>MAX. DRUM TEMPERATURE<sup>2</sup></b>	575 F.
<b>MAX. PRESSURE</b>	200 psi

## AVAILABLE FORMS

- Radius Block
- Gear Tooth Facings
- Disc Brake Pad
- Clutch Facings & Buttons
- Roll Lining
- Flat Sheet
- Special Molded Pieces



<sup>1</sup> According to CHASE Test SAE-J661-A, Note: Tested by Link Testing Laboratories-Michigan-USA. <sup>2</sup> 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. <sup>3</sup> Feet/Min constant operation

The above data is taken from specific test parameters therefore results can vary in different application conditions