



# TF1425

## Flexible Molded Brake Lining

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TF1425 is ProTec's OE upgraded flexible molded, metallic lining providing stable GG level friction and excellent machinability. TF1425's high tensile characteristics provide a tough yet pliable material with superior rivet-hole strength. It has good resistance to both fade and wear over a wide range of temperatures and is particularly effective in overcoming braking problems like squeal, shudder and grab. Composition is glass fibers, Kevlar fibers (trace), and metallic particles. TF1425 comes in 12-25 foot rolls up to 13" wide and 3/4" thick. Wire-backed rolls are available.

### Friction Properties

Static Friction Coefficient (15bar, from box):  $0.47 \pm 0.05 \mu$   
Static Friction Coefficient (15bar, 100°C):  $0.47 \pm 0.05 \mu$   
Dynamic Friction Coefficient:  $0.48 \pm 0.05 \mu$   
Rubbing Speed 25 m/s (130 Ft/sec)

### Material Type: Molded Flexible Friction Material

### Appearance/Formats:

Rolls  
Bonded  
Machined

### Physical Properties

Hardness (DIN53505):  $78 \pm 5$  ShoreD  
Specific Gravity (ASTMD792):  $2.10 \pm 0.05$  gr/cm<sup>3</sup>

### Applications

Miscellaneous Industrial Brakes & Clutches  
Medium Vehicle Brakes

### Thermal Properties

Contact Protec

### Compliance: Reach(CE)1907/2023 & RoHS2015/863/EU

### Additional

Recommended Mating Surfaces: Pearlitic Cast Iron with  
Recommended Adhesive: Thermosetting.  
Oil Resistant: Yes.

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

