

TF3400 is a medium friction enhanced molded material available in arced drum lining or special piece forms. TF3400 offers the high temperature stability and excellent wear characteristics in a fully cured rigid molded material. It contains both glass and Kevlar fibers, along with metallic particles. TF3400 is designed for riveted or bonded applications requiring superior grip characteristics. This material is ideal for overhead cranes and similar industrial applications.

Friction Properties

Static Friction Coefficient (15bar, from box): $0.40 \pm 0.05 \mu$
Dynamic Friction Coefficient: $0.490 \pm 0.05 \mu$
Maximum Rubbing Speed: 7500ft/min.

Material Type: Molded Metallic Friction Material

Appearance/Formats:

Radius Blocks, Disc Brake Pads, Flat Sheets, Special Molded Pieces.

Physical Properties

Hardness (DIN53505): 90 ± 5 ShoreD
Specific Gravity (ASTM D792): 1.80 ± 0.05 gr/cm³
Compressive Strength (ISO 844:2014): 18800 ± 10 N/mm²

Applications

Overhead and Industrial Cranes.
Keylock Blocks.
Brake Parts, Industrial Brake Linings.

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

Thermal Properties

Contact ProTec for Information.

Additional

Recommended Mating Surfaces: Pearlitic Cast Iron with Hardness HB150-200.
Recommended Adhesive: Thermosetting.
Oil Resistant: Yes.

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

