

Non-Asbestos Moulded Sheet TRH3031

Product Description:

TRH3031 is a rigid molded product grey in colour utilising Kevlar fibers and a high percentage of brass chippings. TRH3031 offers excellent thermal resistance, compression and exhibits outstanding stability under heavy loads, at the same time maintaining a high resistance to wear. TRH3031 is manufactured in sheets, segments, rings and many special shapes by either machining or moulding.

Applications:

TRH3031 has been specifically designed for use on medium to heavy duty industrial brake/clutch applications, especially gear tooth facings, mechanical drivers and any application requiring a high strength, high friction and low wear material. **TRH3031 also can be used in hydraulic oil, but the friction coefficient will be much lower than it is used in dry conditions.**

Gear teeth facing only can be produced by mould.

Dimension:

Length x Width: 762mm x 762mm (30inches x 30 inches)

Or 508mm x 508mm (20inches x 20 inches)

Thickness: 3.2mm—22mm (1/8 – 7/8 inch)

Frictional Properties(SAE J661):

| | |
|--------|------|
| Normal | 0.50 |
| Hot | 0.49 |
| 400°F | 0.50 |

Recommended Operating Range:

| | |
|-------------------------------|---------------|
| Max. Pressure, psi | 300 |
| Max. Rubbing Speed, ft/min | 5000 |
| Max. Intermittent Temperature | 650°F (340°C) |
| Max. Continuous Temperature | 600°F (315°C) |

SAE J661 TEST CURVES

