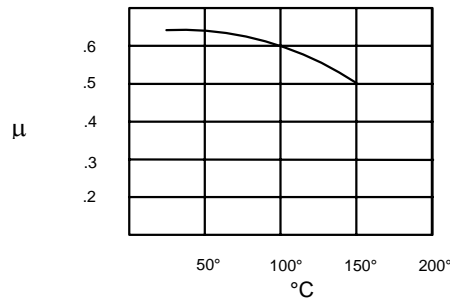


PRODUCT DATA SHEET

TRIMAT CNB



Material Description:

Trimat CNB is one of our range of asbestos-free materials, suitable for low to medium operating temperatures, manufactured from a solid woven cotton fabric, impregnated with special resins, to produce a brake lining which combines strength and flexibility together with a high co-efficient of friction. The material has good rivet holding strength and is suitable for bonding.

Suitable for use in a wide variety of applications where a high co-efficient of friction is required, but where temperatures are not too high. Used on electro-magnetic brakes, industrial and domestic washing machines, winches, cone clutches for hoists and textile machinery.

Not recommended for use on an oil immersed applications

Technical Details:

| Property | Typical Value |
|-------------------------------|--|
| Coefficient of Friction | 0.60 |
| Wear Rate | 22.0 mm ³ /MJ (0.0036 in ³ /hp.hr) |
| Specific Gravity | 1.08 |
| Rivet Holding Capacity | 73.8 N/mm ² (10700 psi) |
| Ultimate Tensile Strength | 28.1 N/mm ² (4075 psi) |
| Ultimate Shear Strength | 12.7 N/mm ² (1842 psi) |
| Ultimate Compressive Strength | 42.2 N/mm ² (6120 psi) |

Recommended Operating Range:

| | | |
|----------------------------------|-------|---------|
| Maximum Intermittent Temperature | 130°C | (270°F) |
| Maximum Continuous Temperature | 90°C | (194°F) |

Recommended Mating Surfaces:

Close grained cast iron. Forged or cold rolled steel can be used with hardness figures as low as 135 Brinnell but obviously the harder the better.

Available Sizes:

Supplied in roll form, cut and shaped linings

| | |
|-----------------------|---------------------------|
| Nominal Roll Lengths: | 10 metres (33ft) |
| Thickness: | 3.0mm (1/8") to 25mm (1") |
| Width: | up to 510mm (20") |

NOTE: There is no standard test procedure for industrial Friction Materials, therefore it could be misleading to compare different manufacturers test results. The Co-efficient of Friction/Temperature Graph illustrated, should be used for comparison of the various Trimat qualities only.