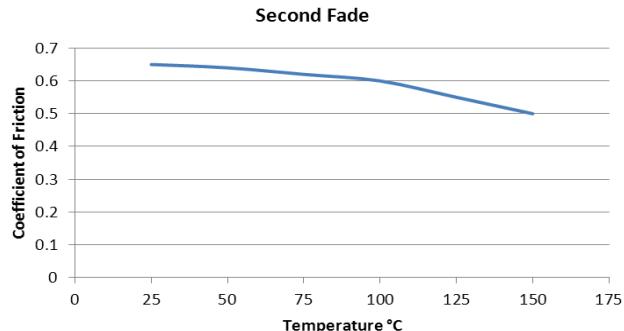


## PRODUCT DATA SHEET

### 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 <sup>3</sup> /MJ	(0.0036 in <sup>3</sup> /hp.hr)
Specific Gravity	1.08	
Rivet Holding Capacity	73.8 N/mm <sup>2</sup>	(10700 psi)
Ultimate Tensile Strength	28.1 N/mm <sup>2</sup>	(4075 psi)
Ultimate Shear Strength	12.7 N/mm <sup>2</sup>	(1842 psi)
Ultimate Compressive Strength	42.2 N/mm <sup>2</sup>	(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:

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

Also available cut to specific shapes and radiused linings.



**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.