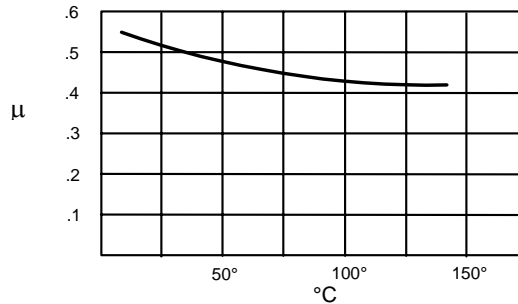


PRODUCT DATA SHEET

TRIMAT CNC



Material Description:

Trimat CNC 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 Values	
Coefficient of Friction	0.60	
Specific Gravity	1.06	
Rivet Holding Capacity	97.6 N/mm ²	(14150 psi)
Ultimate Tensile Strength	29.0 N/mm ²	(4200 psi)
Ultimate Shear Strength	12.4 N/mm ²	(1800 psi)
Ultimate Compressive Strength	93.1 N/mm ²	(13500 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	130°C	(350°F)
Maximum Continuous Temperature	100°C	(212°F)

Recommended Mating Surfaces:

Close grained cast iron. Forged or cold rolled steel can be used with hardness figures over 150 Brinnell.

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.