



TRIMAT MR 8728 BRAKE LINING TECHNICAL SPECIFICATION SHEET

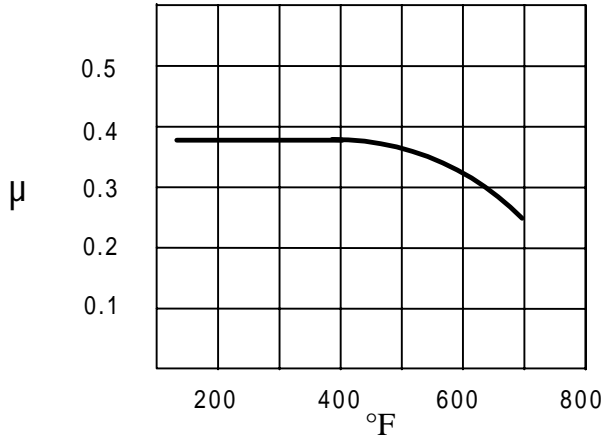
Trimat MR 8728 is a fully cured, flexible, non-asbestos, non-metallic friction material compounded with synthetic rubber.

APPLICATIONS

Trimat MR 8728 is suitable for industrial applications where a medium co-efficient of friction is required. Due to the flexibility of the material it is possible to offset any differences on radius.

The material is in a fully cured condition and is suitable for both bonding and rivetting.

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.



TECHNICAL DETAILS (MEAN VALUES)

Specific Gravity = 2.1g/cm³

Shear Strength @ 68 ° F = 2600psi

Compressive Strength @ 68 ° F = 8700psi

Specific Thermal Capacity @ 68 ° F = 1.03 kJ/kg K

RECOMMENDED OPERATING TEMPERATURE

Maximum Intermittent Temperature 650° F

Maximum Continuous Temperature ... 480° F

RECOMMENDED MATING SURFACES

Close grained cast iron, forged or cold rolled steel should be 180 Brinnell or over.

DRILLING DETAILS

High speed drills are quite acceptable at the following speeds:

Upto 1/2" diameter 850revs/min with feed rate 0.005"/rev.

Over 1/2" diameter the revs/min should be reduced accordingly.

for example:

At 5/8" diameter 600 revs/min the feed rate 0.005"/rev.

AVAILABILITY

Supplied in roll form, cut and shaped linings.

Nominal Roll Lengths of 25ft up to 5/16" thick and 16ft up to 1/2"

Thickness from 1/8 up to 1/2"

Width up to 8"