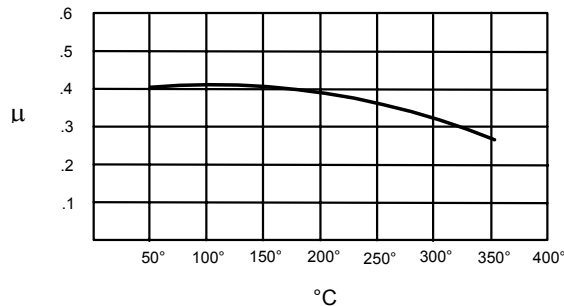


PRODUCT DATA SHEET

TRIMAT MR8728



Material Description:

Trimat MR8728 is, a fully cured, flexible, non-asbestos, non-metallic friction material compounded with synthetic rubber.

Trimat MR8728 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 suitable for bonding or riveting.

Technical Details:

Property	Typical Values	
Coefficient of Friction (dynamic)	0.40	
Wear Rate	47 mm ³ /MJ	(0.0069 in ³ /hp.hr)
Specific Gravity	2.10	
Shore D Hardness	65	
Ultimate Tensile Strength	5 N/mm ²	(750 psi)
Ultimate Shear Strength	18 N/mm ²	(2610 psi)
Ultimate Compressive Strength	60 N/mm ²	(8700 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	350°C	(660°F)
Maximum Continuous Temperature	250°C	(480°F)
Maximum Pressure	2.0 N/mm ²	(290 psi)
Maximum Rubbing Speed	25 m/s	(5000 ft/min)

Recommended Mating Surfaces:

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

Available Sizes:

Nominal Roll Lengths	7.5 metres (25ft) up to 8mm (5/16") thick 5 metres (16.4ft) over 8mm (5/16") thick
Thickness	3mm (1/8") to 12.5mm (1/2")
Width	up to 200mm (8")

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.