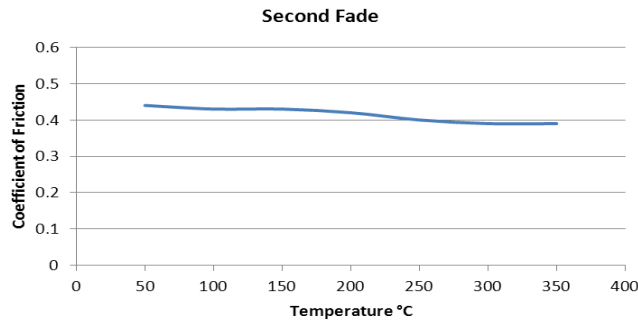


PRODUCT DATA SHEET

TRIMAT MR7032



Material Description:

Trimat MR7032 is a flexible, non-asbestos, friction material compounded with synthetic rubber and resin without metallic ingredients.

Trimat MR7032 is suitable for industrial brakes and clutches with high friction level requirement. Owing to the great flexibility of the material; it is possible to prevent radius differences.

Trimat MR7032 is an oil resistant material, normally available in roll form and is suitable for both bonding & riveting.

Technical Details:

Property	Typical Values	
Coefficient of Friction (dynamic)	0.41	
Specific Gravity	1.90	
Shore D Hardness	65	
Ultimate Tensile Strength	7 N/mm ²	(1015 psi)
Ultimate Shear Strength	24 N/mm ²	(3480 psi)
Ultimate Compressive Strength	84 N/mm ²	(12180 psi)

Recommended Operating Range:

Maximum Intermittent Temperature	300 °C	(572°F)
Maximum Continuous Temperature	250 °C	(482°F)
Maximum Pressure*	2.0 N/mm ²	(290 psi)
Maximum Rubbing Speed	25 m/s	(5000 ft/min)

* Pressures up to 8 MPa are acceptable in static applications

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 12mm (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.