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PRODUCT DATA SHEET **FRICION MATERIAL – M750**

PRODUCT DESCRIPTION

M750 made of carded fiberglass combined with synthetic resins and a very high percentage of brass wires to improve durability properties and heat dissipation. Impregnated with a mixture of special resins that guarantees the capacity for use in extreme and severe conditions.

The linings have a very high friction coefficient, either in low or high temperatures. Resistant to wear and tear. The flexibility improves with heat at temperatures of 150 °C / 302 °F. Demanded in industrial activities that require very high braking performance.

APPLICATIONS

M750 is aptly suited for light to heavy duty service with quality steel & cast-iron mating surfaces in winches, cranes, hoists, etc. Industrial drum and band brake linings, mine winder brake linings. It is oil and grease resistant.

AVAILABILITY

	<u>ROLLS</u>	<u>SHEETS</u>
Thickness range	1/8" to 1 1/4" (3.2mm to 31.75mm)	
Width	1 1/2" to 20" (38.1mm to 508mm)	Max. 26" (660mm)
Length	Customer requirement	

PHYSICAL PROPERTIES

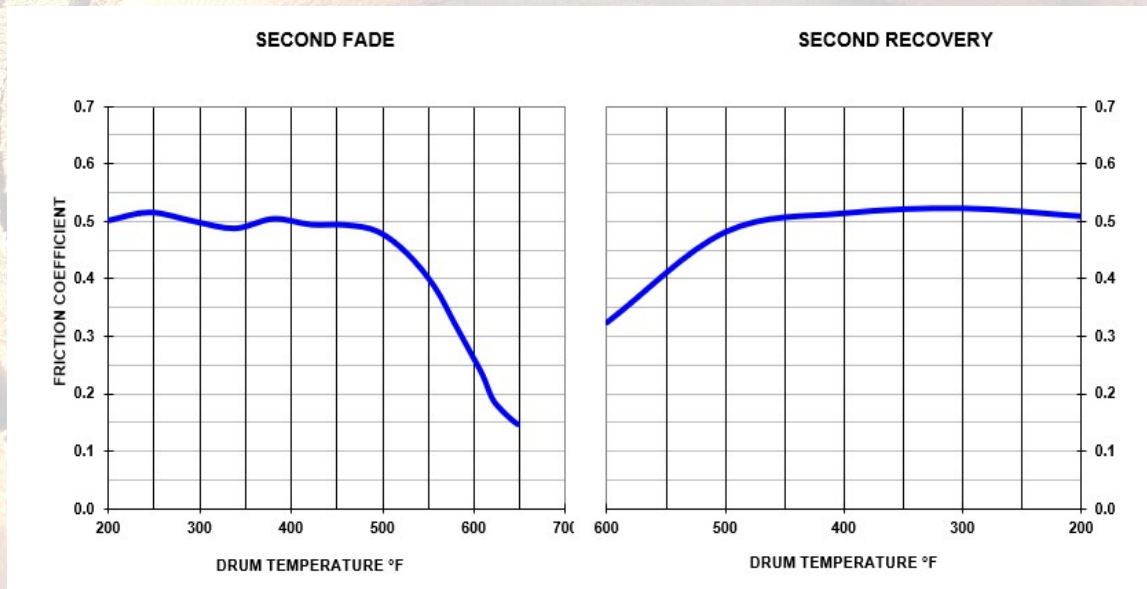
Ultimate tensile strength	27.0 MN/m ² (3,900 lbf/in ²)
Ultimate compressive strength	135 MN/m ²
Ultimate shear strength	12.0 MN/m ² (1,740 lbf/in ²)
Rivet holding capacity	90.0 MN/m ²

TECHNICAL DATA

Friction	Normal	0.52
	Hot	0.46

Recommended Operating Range

Pressure	Dynamic 70 – 700 kN/m ²
	Static 70 – 2,450 kN/m ²
Max. continuous temperature	150 °C
Max. intermittent temperature	200 °C
Max. rubbing speed	25 m/s



The information and data supplied in this data sheet are believed to be accurate and reliable, and were obtained from standard laboratory tests