

Multibrake 2215

Multibrake 2215 has been developed for automotive brake lining, industrial brakes, cranes and excavators band brake linings. It is a flexible moulded product having a non-asbestos basis of fibers in random dispersion. Selected friction modifiers are bound by a specifically developed rubber/resin binder system that has a major influence in determining both the friction performance characteristics and strength of material.

Available in either roll or strip form, Multibrake 2215 is sufficiently flexible to make fitting to curved metal parts a relatively simple operation, after which the heat generated during bonding will increase the material strength and hardness. Alternatively, Multibrake 2215 can be formed to a rigid lining prior to fitting by curing in an oven at a temperature of at least 180°C for a period of not less than 60 minutes.

Multibrake 2215 can be used against a mating surface from a close grained cast iron, forged or cold rolled steel should be 180 Brinell or over.

Properties	Units	
Ultimate shear strength (cured)	MPa	15
Ultimate tensile strength (cured)	MPa	15
Ultimate compressive strength (cured)	MPa	75
Density	g/cm ³	2
Colour	-	Black / Dark Grey
Hardness (as supplied)	Shore D	<65
Hardness (cured)	Shore D	70+
Wear Rate	mm ³ /MJ	22
Friction for design purposes		
Dynamic Friction Coefficient	μ	0,42
Recommended Operating Range		
Maximum rubbing speed	m/s	25
Recommended Operating Pressure	MPa	0,07 – 0,15
Maximum continuous temperature	°C	250
Maximum intermittent temperature	°C	325

Availability:

Multibrake 3915 can be delivered as sheet cut-offs and finished parts.

Rolls:	Maximum Length:	5000 mm
	Maximum width:	220 mm
	Thickness:	3,0 – 12,5 mm



Kühne Industrie B.V.
Gildenstraat 11B, 3861 RG Nijkerk
Telefoon +31 (0)85 487 4800
www.kuhne-industrie.nl

Parts: Finished products conform drawing