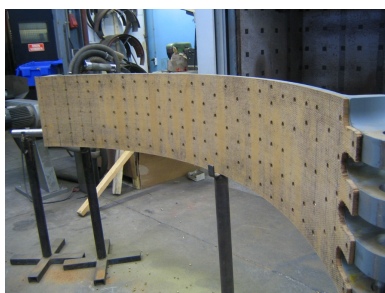


Multibrake GBC



Properties	Units	Typical Value
Density	g/cm	1.24
Operating Temperature, Continuous	°C	150
Operating Temperature, Short-term	°C	230
Friction Coefficient	μ	0.48
Wear rate (@ 79N, 7 m/s) F.A.S.T.	mm ³ /Kwh	39.6

Product description:

Multibrake GBC is a semi-flexible asbestos-free brake lining, manufactured from a solid woven fabric of both natural and man-made yarns with a brass wire inclusion, which helps to stabilise the friction value by conducting heat from the operating surface.

When the woven fabric is impregnated with the specially developed synthetic resin it produces a friction material with excellent stability and high resistance to wear.

Both surfaces can be supplied ground, making it suitable for bonding and riveting to either internal or external contracting braking systems.

This material can be supplied for use on oil immersed applications, although the friction value will be much lower than operated in dry conditions.

A most efficient general purpose brake lining suitable for use on most applications, including winches, cranes, earthmoving and agricultural equipment, forging machinery and many others. Because of its versatility it is of course an ideal quality to stock.

Adhesives:

GBC may be bonded using any of the established adhesives recommended for friction material. However, to obtain the best results it is necessary to use a thermosetting adhesive. GBC is suitable for bonding or riveting.

Rubbing surfaces:

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