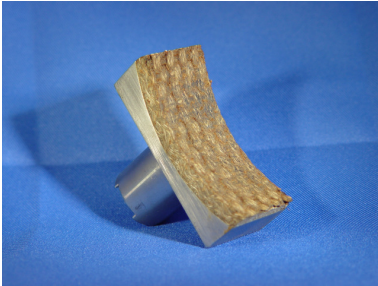


Multibrake 3806



Properties	Units	Typical Value
Density	g/cm	1.20
Operating Temperature, Continuous	°C	110
Operating Temperature, Short-term	°C	225
Friction Coefficient	μ	0.42



Product description:

Multibrake 3806 is a closely woven, semi-flexible friction material. It is based on yarn spun from a blend of glass and synthetic fibres together with a fine copper wire to enhance its strength and heat dissipation properties. The impregnant has been specially developed to give it good frictional properties combined with a good degree of flexibility. It has a high coefficient of friction and performs well in wet and damp environments which makes it particularly suited for marine applications. To help during fitting to brake shoes and bands it can be softened and made more pliable by warming in a bonding oven to between 150 & 180C for sufficient time for the heat to penetrate the fabric.

Adhesives:

Multibrake 3806 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.

Rubbing surfaces:

A good quality, fine grained, pearlitic cast iron or cold rolled steel with a Brinell hardness of 180. Cast steels are not recommended.