

## Woven Brakelining for Winders, Winches and Hoists



Kapabrake is the sole African manufacturer of woven brakelining. This is a high quality, non-asbestos product with brass wire insertion for proper heat dissipation. The product is shaped and cured to customers' exact requirements to allow for maximum mating surfaces. Kapabrake offers competitive pricing and rapid production lead times. Kapabrake's focus is the African mining market.

Kapabrake woven brakelining has been subjected to rigorous testing and certification.

KB3 lining has an SAEJ661 rating of H. Independent compression testing shows positive performance.

Heavy drum testing reveals steady stopping times over 500 cycles which outperforms major international brands.

Infra red analysis provides temperature release measures which indicate effective heat dispersion by the embedded brass wires.

Normal coefficient of friction: 0.565

SAE J661 Class H

Hot coefficient of friction: 0.564

SAE J661 Class H

Wear rate: 8.5% thickness. 8% weight.

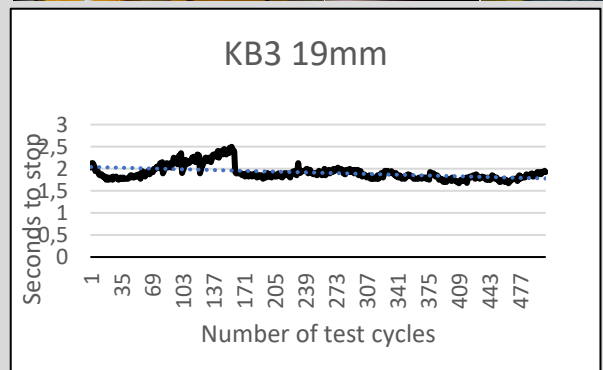
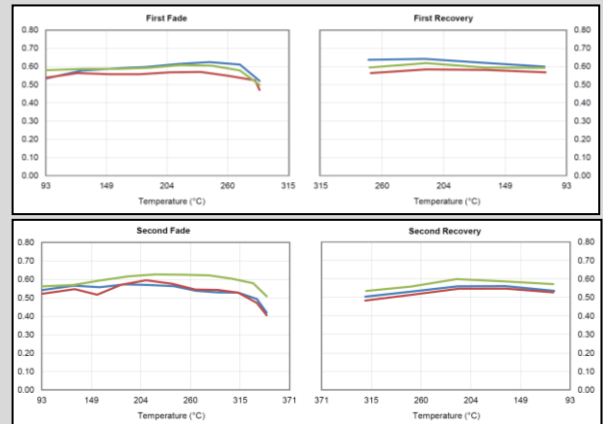
(SAE J661)

Compression: (Test thickness of 19mm)

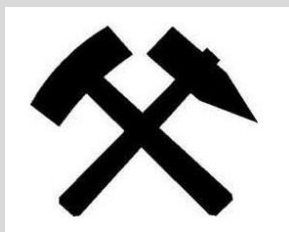
<1% @ 0.6 ton.

5.3% @ 1.6 ton.

11.6% @ 2.8 ton



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Kapabrake has been developed in South Africa for tough, rugged industrial & mining applications in Africa.

Kapabrake specializes in brakelining only and our customers know they have a supplier who is focused on safety and high performance.

We customize so that the product is the exact fit and optimally suited to the field conditions. Surfaces are ground to match required radii.

We can bond to any shape requirement.

We are available to assist and apply solutions for individual applications.

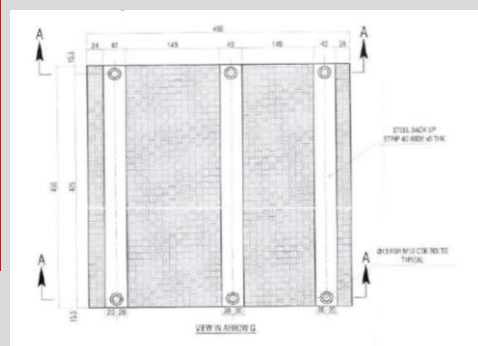
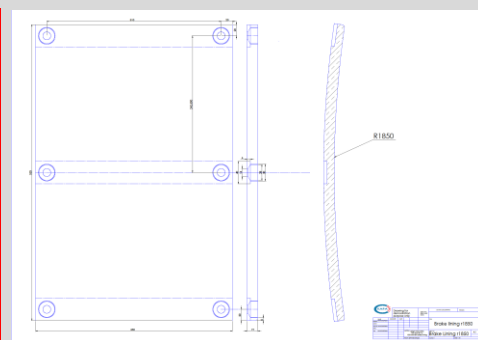
Brake lining is manufactured up to 25mm thick.

Kapabrake woven brakelining can be supplied in:

- Rolls
- Coiled lengths
- Flat sheets
- Customized sizes
- With metal inserts bonded to specification
- Cured to a specific radius
- Bonded to shoes or bands.

We also manufacture clutch cones.

Tolerances on brake height for the lining are +0.5mm/-0.5mm.



Kapabrake is an Original Equipment Manufacturer (OEM).

Kapabrake is a product division of Kapablock (Pty) Ltd, a Level 2 BBBEE enterprise.

Data sheets and Material Data Safety Sheets available on request.

