



Kapabrake

Kapabrake is a specialist manufacturer of high-quality woven brakelining for mining, marine and industrial applications, proudly developed in South Africa to meet the demands of Africa's tough, rugged conditions.

As an original equipment manufacturer, Kapabrake supplies woven brakelining for mining winder brakes, winch brakes, elevator brakes and scraper winch clutch bands.

Established in 2009, Kapabrake is a Level 2 broad-based black economic empowerment company with 12 employees and the only manufacturer of woven brakelining products on the African continent. The Kapabrake lining has been independently tested and verified in Detroit, USA, to the internationally recognised SAEJ661 standard. Kapabrake is also ISO9000:2015 aligned and soon to be certified.

Kapabrake's manufacturing facility based in Epping Industrial, Cape Town, houses a range of specialised equipment such as machinery for weaving, impregnation, curing, shaping and testing. It also boasts its own high speed, high torque drum brake testing machine to measure brakelining performance in real-world conditions.

Belting is woven to thicknesses of up to 25mm on a 3-D axis to form a tough, integrated material with brass wire inserts for braking heat dissipation. The belting is impregnated with proprietary resins to produce a lining with superior abrasion resistance qualities. The lining is cured and then sized to specification and can be supplied with inserted metal backing plates and drilled holes. Kapabrake can customise products to an exact fit, for optimal performance in field conditions. Surfaces are ground to match required radii and Kapabrake can bond to any shape.

In May 2020, Kapabrake supplied a key mining house in Zambia with 25 mm-thick lining for mine winder brakes. Kapabrake has also exported its products to Namibia and Zimbabwe.

As a specialised manufacturer focusing only on brakelining, Kapabrake can ensure customers of a continual supply of high-quality products focused on safety and exceptional performance.



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