

# MORGAN

## RED BULL™ Woven Brake Lining



### Description

The REDBULL woven non-asbestos lining is a densely woven, semi-flexible lining impregnated with a phenolic / organic binder and surface ground to assure maximum drum contact. The weave is constructed without layers to prevent separation. REDBULL linings are woven from specially prepared non-asbestos materials that include a soft ductile non-ferrous wire for greater heat dissipation and strength. The wire provides non-scoring properties to the material.

### Availability

The material is available in rolls and can be cut, straightened and drilled to make bands or pads. Material is available in standard thickness of 1/4", 5/16", 3/8", 1/2", 5/8" and 3/4". Other thickness available on special order. Standard rolls are 13" wide and 25' lengths.

### Applications

Cranes, hoists, drawworks, lifts, elevators, marine bands and other industrial brake applications.

### Working Conditions

Continuous temp	250° C (500° F)
Max temp	300° C (600° F)

### Friction & Mechanical Properties

#### Typical Coefficient of Friction

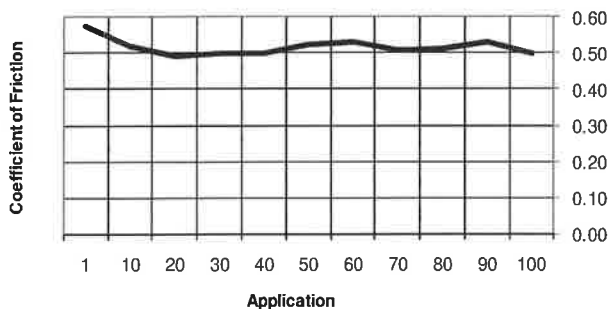
Normal	0.45 (+-.05)
Hot	0.49 (+-.05)

SAE (J661a)	Friction Code	Normal	F
		Hot	G

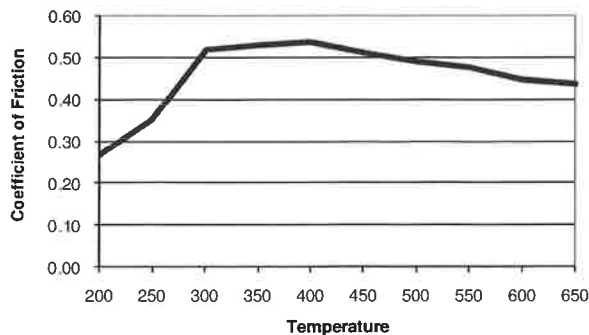
#### Mechanical Properties

Typical Tensile Strength (ISO-4606)	4700 psi
Typical Shear Strength (ISO-6311)	2700(psi)
Maximum rubbing speed	5000ft/min

Wear Test



Second Fade



Second Recovery

