

# FRICITION MATERIAL: HF-36 Sheet

## DESCRIPTION

HF-36 is a premium grade non-asbestos sheet material which combines specially modified binders with high strength fibres to provide good wear characteristics and resistance to heat and fade. This material exhibits stable friction levels during operation. Its integral strength and durability also make it suitable for high impact and gear cut applications. Can be used dry or oil immersed applications.

## APPLICATION

Industrial brakes and clutches in forging and clearing presses, general machinery and gear cut applications.

## STOCK

1.5mm to 25.4 mm thick (Higher thickness available on request.)

## FRICITION PROPERTIES

Co-efficient of Friction

Static	.38
Dynamic	.45

Operating Temperatures

Continuous Max	175°C
Continuous Intermittent	225°C

## MECHANICAL PROPERTIES

Technical

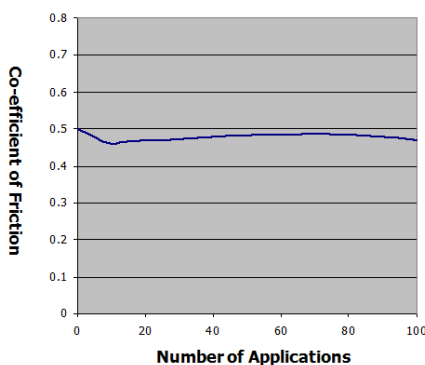
Tensile Strength	22.3 MN/m <sup>2</sup>
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Compression Strength	137.8 MN/m <sup>2</sup>
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Max Rubbing Speed	1500 m/Min
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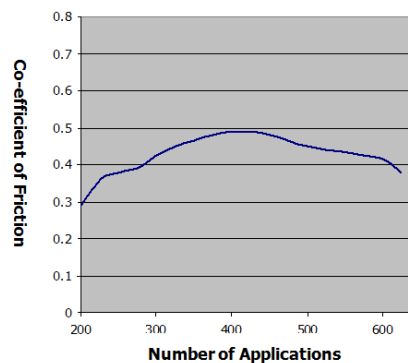
## WEAR TEST

HF-36 Wear Test per SAE J-661



## SECOND FADE

HF-36 Second Fade per SAE J-661



## Disclaimer

The data and information supplied in this data sheet are believed to be accurate and reliable, and were obtained from laboratory tests. Since actual operating conditions and requirements can vary, this should be used as an indicative guide only. © BCA Friction Materials Pty. Ltd. July 2017  
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