

# FRICITION MATERIAL: 3920 Moulded Roll

## DESCRIPTION

3920 is a non-asbestos semi flexible moulded roll lining, and can be cured to fit various diameters. It contains a random dispersion of steel filaments to enhance its dissipation qualities and add strength along with selected friction modifiers to enable use in arduous and heavy duty applications. Being ground on both surfaces it is suitable for bonding in internal and external operating bands and shoes and may also be riveted when fully cured. It is only suitable for dry applications.

## APPLICATION

Industrial drum | Brake Bands | Crane and excavator brake and Clutch lining | - See website for more.

## STOCK

3.2mm to 12.7 mm thick • Up to 330mm wide

## FRICITION PROPERTIES

Co-efficient of Friction

Static	.38
Dynamic	.42

Operating Temperatures

Continuous Max	175°C
Continuous Intermittent	225°C

## MECHANICAL PROPERTIES

Technical

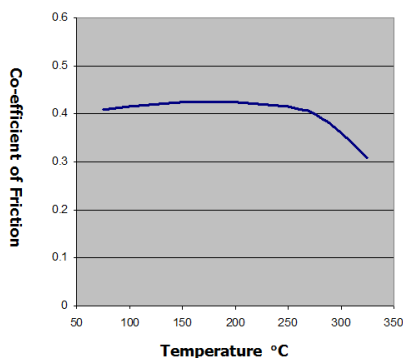
Tensile Strength	15.0 MN/m <sup>2</sup>
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Compression Strength	93.0 MN/m <sup>2</sup>
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Max Rubbing Speed	1500 m/Min
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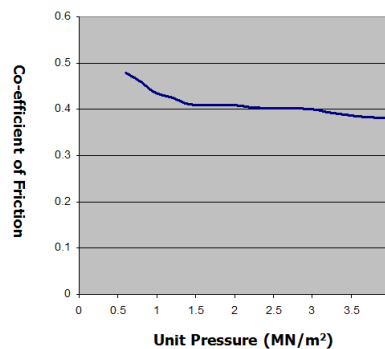
## TEMPERATURE SENSITIVITY

### 3920 Temperature Sensitivity



## PRESSURE SENSITIVITY

### 3920 Pressure Sensitivity



## 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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