

DESCRIPTION

A dark yellow woven friction material, asbestos free.

PHYSICAL PROPERTIES

Density	: 1.4 +/- 21 %
Ultimate tensile strength	: 15 Mpa
Hardness	: < 3 mm

(Driving in of a 3 cm² punch under 50 Mpa during 1 mn, at 50 °C)

CHARACTERISTICS

Static friction coefficient in cold conditions	: 0.43
Maximum operating temperature	: 200°C
Maximum operating pressure	: 2 Mpa
Recommended mating surface	: Cast iron or hard steel
Bonding	: Hot bonding or rivets
Wear (<i>indicative value obtained on a bench test</i>)	: 33 mm ³ /MJ at 150°C

SHAPES AND SIZES

Standard dimensions

Rigid sheets : 1400, thickness 4 up to 19 mm

Rolls : 5000, thickness 4 up to 16 mm

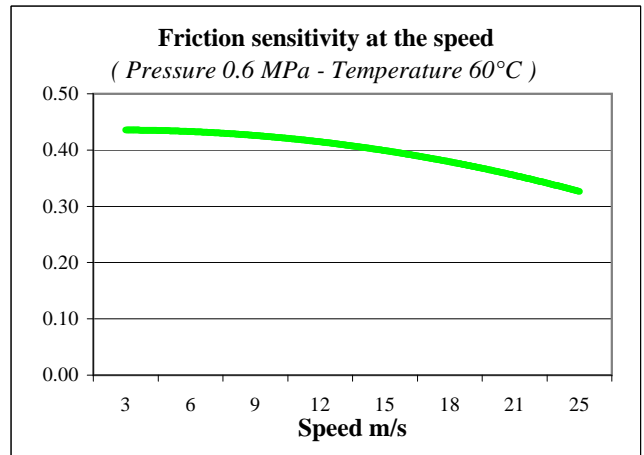
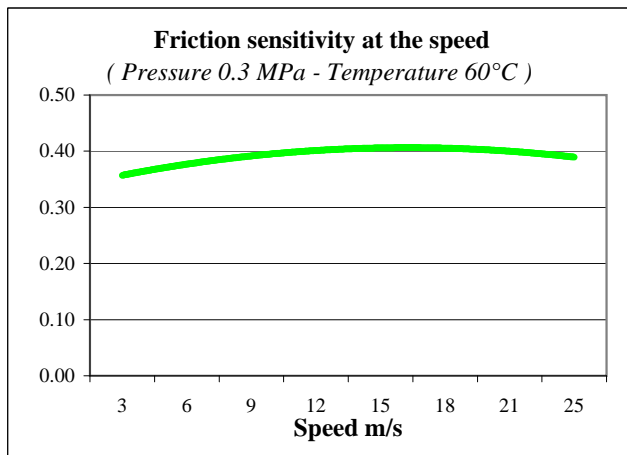
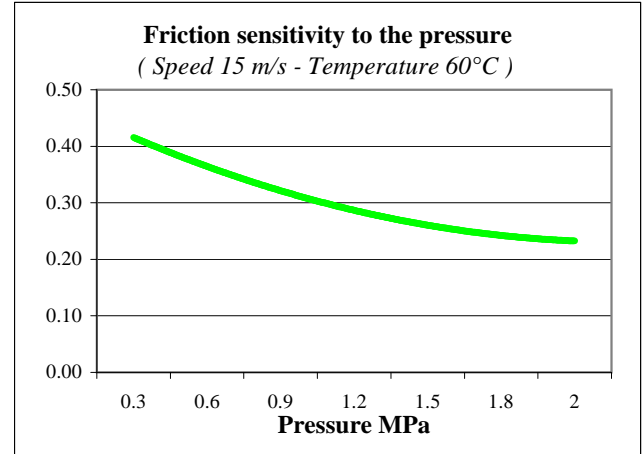
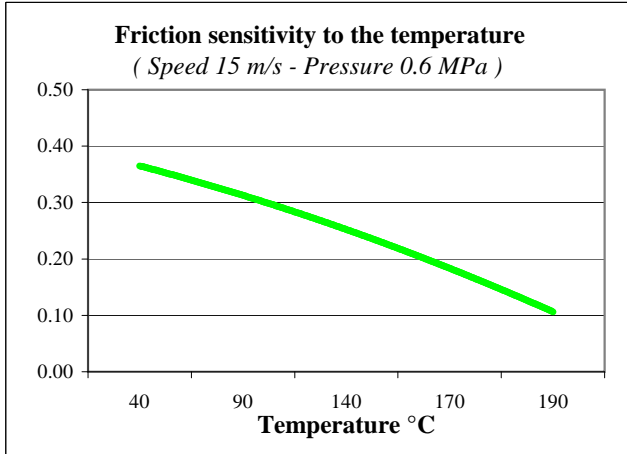
Standard shapes

All pieces which enter in the dimensions above mentioned

For others size, please contact us.

DRY MACHINING (use carbide tools)

Turning	: Speed 175 m/mn - Feed 5/10 mn
Grinding	: Speed 1500 m/mn - Grain 24
Drilling	: Drill speed 2500 r.p.m



Since the friction coefficient can vary from application to application the figures given on these graphs are average values taken from standard application with settled, run-in linings acting on a steel disc 25CD4. These indications can be used as a basis for calculating the performance of any new brake design but do not indicate an exact friction coefficient for any specific application. Every braking system must be designed with sufficient and safety margin to take into account variations of the coefficient due to various factors: break-in period, occasional overloads, excessive heatings...

Export Agency

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