Ferotec Friction Ltd

D3921 Product Data Sheet

General Description

D3921 is a rigid moulded friction material, light green in colour, and having a non-asbestos basis of short steel filaments in a random dispersion to enhance its heat dissipation properties and strength. It incorporates a blend of carefully selected friction modifiers and a binder which has been specially developed to enhance its properties. Whilst not affected physically by slight oil contamination, this material is not intended to operate in oil. D3921 is also available as semi-cured, semi-flexible roll although in this form it is known by the reference D3920. Information on how to convert D3920 into D3921 is available on request.

Applications

Industrial drum and band-brake linings Crane and excavator brake and clutch linings Miscellaneous industrial devices

Bonding

D3921 may be bonded using any of the established adhesives recommended for friction material. However, to obtain the best results it is necessary to use a thermosetting adhesive.

Mating Surface

A good quality, fine grained, pearlitic cast iron or cold rolled steel with a Brinell hardness of 180. Cast steels are not recommended.

Availability

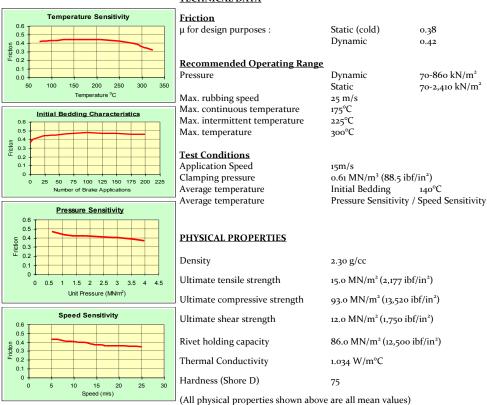
• Roll

Length 5M

Width 20 to 330mm
Thickness range 3.2mm to 12.7mm

- Sheet size 66omm x 330mm x 3.2 up to 12.7mm thick
- Sheet size 660mm x 530mm x above 12.7mm to 32.0mm thick
- Special shapes and discs on request

TECHNICAL DATA



The information supplied in this data sheet is believed to be accurate and reliable, and was obtained by scientific and laboratory testing. However, since actual conditions of use are largely outside the control of FEROTEC FRICTION LIMITED, it is suggested that this material be thoroughly tested and its suitability for use be determined before final acceptance.

Issue 5 Jun 10

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