Ferotec Friction Ltd

D3707 Product Data Sheet

General Description

D3707 is a material which in many respects is similar to D3714, although marginally higher in friction. It is rigid moulded, light brown in colour and contains a proportion of brass chipping to enhance its heat dissipation properties. This is a non asbestos material, based on a blend of synthetic fibres with a specially developed resin binder. D3707 combines a medium friction coefficient with good resistance to fade and a low rate of wear. It machines well and discs can readily be gear cut for use in multi-plate clutches. This material is suitable for use either dry or in oil immersed applications

Applications

- Clutches for marine gearboxes
- Steering clutches
- Clutches for machine tools, presses and other industrial plant and machinery.
- Miscellaneous industrial devices

Bonding

D3707 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 200. Cast steels are not recommended.

Availability

0.6

0.5

0.4 0.3 Friction

02 0.1

0.0

0.6

0.4 Friction

0.1

Sheets 660 x 530mm x 3.2mm up to 25.4mm thick Sheets 900 x 700mm x 3.2mm up to 25.4mm thick Discs and special shapes on request





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.

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Ferotec Friction Ltd Unit C Greenfield Business Park, Bagillt Rd, Holywell, Flintshire CH8 7HJ, United Kingdom E-mail: ffsales@ferotecfriction.co.uk Website: www.ferotecfriction.com Tel: +44 1352 710360 Fax: +44 1352 719368