

KAP 031

Product Information – January 2015

Description

Based upon a 25 micron thickness polyimide Kapton Film coated with a cross-linked silicone polymer adhesive system the tape is tear, puncture and abrasion resistant and offers high dielectric strength and outstanding ageing properties. UL approved.

Applications

- Insulation of electrical components, coils and flat conductors
- Applied in high performance devices such as traction motors, turbo generators, and apparatus with high temperature reserves.
- Printed circuit board production, masking & protection during tin soldering and hot air levelling operations.

Technical details

Total thickness:	0.06mm
Backing Thickness:	0.025mm
Tensile Strength:	45N/cm (165 MPa)
Elongation:	40%
Service temperature:	-73 to +260 degrees C
Steel Adhesion:	2.1N/cm
Dielectric Strength:	6 KV
Shelf life:	12 months from order despatch date

Note

Unless otherwise indicated, the figures above are average values and should not be treated at face value for specification purposes. The company reserves the right to improve products, and any change in specification will result in a re-issue of the information sheet. Customers should satisfy themselves that the tape is suitable for their requirements whether after such modification or otherwise. Please check that you have the latest issue of the information sheet. All slitting and length are to British Standards, but other tolerances are available by request.

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