Product Information

DE-F571

Material description:	laser markable polyimide film with high opacity; matte black topcoat with white sub layer; physical and chemical resistance complies with requirements of MIL-STD-2016, tested according to Automotive Performance Requirements for Labels; helps to protect static sensitive devices and minimises static charge generated during application; material is designed to be die cut or laser cut into individually arranged labels
Applications:	perfect option for permanent identification of PCBs with high level of physical/chemical resistance
Label stock thickness:	41 µm ± 10 %
Adhesive:	AS4: LSE acrylic PSA
Adhesive thickness:	28 µm ± 15 %
Adhesion:	extremely strong adhesive, in particular on LSE materials
Adhesion power:	stainless steel: 20 minutes 18 N/25 mm 24 hours 21 N/25 mm
Liner:	glassine paper
Liner thickness:	70 µm ± 10 %
Temperature range:	- 40 °C to + 300 °C long-term temperature range: 100 h + 125 °C short-term temperature range: 5 minutes + 260 °C peak temperature: 1 minute + 300 °C
Application temperature:	minimum of + 10 °C; surface has to be clean, dry, and free of contamination; contamination of topcoat during production has to be prevented
Marking:	laser marking with CO_2, YAG, UV or Fiber Diode laser set to the correct power settings; marking can be extremely small and comprise text, barcodes, or graphics; high level of readability, high contrast to background; secondary printing such as thermal transfer printing or flexographic printing not possible
Shelf life:	1 year at max. + 27 ° C and 60 % relative humidity

Warranty:
Our recommendations are based on our most up-to-date knowledge and experience. As the products are used outside of our control we cannot take responsibility for any damage which may be caused when using the products. This product information sheet replaces all earlier ones. All information subject to change without notice.

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