

ORDERING EUROPEAN SPACE AGENCY (ESA) SPECIFIED BASE MATERIALS:

Customer Notes:

Ventec International Group has the capability to inspect, test and release materials to the proposed new IPC standard IPC-4101-D appendix A. Which defines a class of cleaner base materials for high reliability use within Aerospace applications.

The ESA (European Space Agency) proposal to IPC4101-D appendix 'A' sets out supplemental requirements to the IPC standard, with the purpose to define high quality base materials to be used for high reliability PWB's for critical applications. PWB's designed with small spacing or high voltage can be subject to failure of insulation resistance due to electro-migration forming along foreign material in a harsh environment.

The following guidelines define the necessary steps required between PCB manufacturer and Ventec Europe Limited for the supply of materials released in accordance with the proposed IPC4101-D appendix A:

- There are various levels of inspection and test within the IPC4101-D appendix A and the required level should be AABUS in writing prior to purchase orders being placed
- Customer Purchase Order must specify supply of materials to IPC4101 appendix A for aerospace application and reference any AABUS defined requirements
- Material will be manufactured, tested, inspected and packaged to the AABUS level in Ventec Suzhou facility
- All material packages will be identified with an ESA inspected label
- Material supplied will have Certificate of Conformance which will state compliance to the proposed IPC4101-D appendix A ESA inspection and test requirement and any AABUS defined requirements
- Lead-time – TBC at time of order placement
- Materials will be supplied in full pack quantities only, packs will not be split
- Materials supplied to the proposed IPC4101-D appendix A will be subject to a premium charge of 100%

For further information, please contact Ventec Europe Ltd, www.ventec-europe.com