

INDUSTRY

Electronics

Assembly cleaning, ionic residue control and ESD protection in electronics manufacturing.



DATASHEET PER PART NUMBER



STANDARDS REFERENCED



RECURRING CONSUMPTION

An electronic assembly fails because of things you cannot see: ionic residue left under a component, a fibre bridging two traces, a discharge that degrades a junction without destroying it. Cleaning and static control are not the end of the line; they are part of the process.

PRODUCTS FOR THIS INDUSTRY



VANTERIS 3-Ply Pleated Face Mask, Blue

VNT-73P-BL-50

17.5 × 9.5 cm



VANTERIS Polyester Wipe 9 × 9 in

VTN-WP-PES-LS-99

9 × 9 in (228.6 × 228.6 mm)



VANTERIS Sticky Mat 24 × 36 in, Blue

VTN-MAT-PE-STK-2436-BLU

24 × 36 in



VANTERIS Antislip Shoe Cover, Blue

VTN-AP-PP-SC-UNI-BLU

TYPICAL CHALLENGES

- Ionic residue and electrochemical migration
- Loose fibre between conductors
- Latent electrostatic discharge damage
- Wiper compatibility with isopropyl alcohol

REFERENCE STANDARDS

IPC J-STD-001

Requirements for soldered electrical and electronic assemblies.

IPC-A-610

Acceptability criteria for electronic assemblies.

IPC-TM-650

Test methods, including cleanliness and ionic residue.

ANSI/ESD S20.20

Requirements for an electrostatic discharge control programme.

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Technical article and catalog

