



ESD Microdenier Wipes

Special ESD wipers designed especially for manual PCB cleaning after rework.

Applications

1. cleaning PCBs after rework
2. applied in Semiconductor, Micro-electronics, Integrated Circuit, Laboratory, Precision Instruments, Photovoltaic Industry and Circuit Board
3. clean rooms

Composition and Features

- microdenier (70% Polyester and 30% Nylon) with conductive yarn
- extremely low particle generation
- clean under ISO 5 to ISO 6 cleanroom
- 18M Ω ultrapure water to wash
- no conflict to IPA, acetone and other detergents

Table of technical data (average data)

Test Item	Result
Basis Weight ($\pm 5\%$):	130 g/m ²
Material:	microdenier with Conductive Yarn
Size (cm):	22,8 x 22,8 cm
Thickness (± 0.5 mm):	0.30 mm
Particles $\geq 0.5\mu\text{m}$:	APC < 100 counts/ft ³
Surface Electric Resistance (Ω):	> 1x10 ⁶ , < 1x10 ¹²
Static Resistivity:	from -100V to +100V
Temperature Resistance:	≤ 182 °C

Other

- cutted by laser



Technical support

For correctly use of ESD Microdenier Wipers contact your DCT specialist or visit www.dct.cleaning and watch our videomanual.

Date of issue:
30 August, 2016

Detailed information can be found in the Safety Data Sheet of **ESD Microdenier Wipers**.



ESD Microdenier Wipes



Packing

Packing 50 pcs



Storage

Store it in a dry ventilated place. Avoid direct sunlight and the temperature is 5-35 °C.



Expiry Data

The products are vacuumed packaged in clean room and the expiry date is at least 24 month under normal circumstances (Store in a cool and dry temperature °C).



FLUX REMOVER 4

Alcohol-based cleaning solvent designed for removal of soldering flux residues from soldered PCBAs.

Designed for cleaning of most flux types and other process contaminants such as dust, fingerprints and grease. The solvent evaporates quickly without leaving any traces on the cleaned surface. A specially designed non-fraying application brush is included in the spray package. Recommended to use together with the special ESD wiper.

Recommended areas for use	Recommended cleaning technology
1. Flux residues after rework / hand soldering	Manual cleaning
2. Fingerprints after handling PCBAs	Manual cleaning
3. Other process contaminants – dust, grease etc.	Manual cleaning

Process table

Cleaning technology	Cleaning	1. rinse	2. rinse	Drying
Manual Cleaning	Flux Remover 4	-	-	With ESD wiper



Information

- Universal solution for all types of fluxes and other process contaminants
- High material compatibility
- Compatible with both lead and non-lead processes
- Environmentally friendly – biodegradable
- Does not contain surfactants and solids - no risk of solid residues on the cleaned surfaces

Table of physical and chemical properties

Product appearance:	Colourless aerosol/liquid
Colour:	Transparent
Odour:	Hydrocarbon
pH value:	N/A
VOC content:	100 %
Flash point:	< 10 °C
Ignition temperature:	> 200 °C
Density at 25 °C:	0,8 kg/l

Technical support

For process implementation and setting, optimization and solving of process issues, trial test, contact your DCT specialist at www.dct.cleaning



Date of issue:
02. 07. 2020

Check SDS prior to use.
Check material compatibility in case of contact with sensitive materials susceptible to chemical stress.



FLUX REMOVER 4

General information



Packing

400 ml spray



Transport

UN number: 1950

Transport hazard class: 2



Handling

Wear nitrile gloves while manipulating with cleaning agent.
It is necessary to stir well the can before use.



Storage

Should be stored in closed containers, in ventilated areas
At temperature 5 – 25 °C



Shelf life:

The minimum shelf life for this product is 1 year.

Technical support

For process implementation and setting, optimization and solving of process issues, trial test, contact your DCT specialist at www.dct.cleaning

Product features

RoHS and REACH compliant, biodegradable, does not contain any halogenated compounds.



RoHS
Compliant



REACH
SVHC



BIODEGRADABLE



We are certified as part of a worldwide quality management system by **LLOYD'S**.

Date of issue:

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Check SDS prior to use.

Check material compatibility in case of contact with sensitive materials susceptible to chemical stress.