

STCL1110X ESD Cleanroom Cleaning Wipes



Available as;

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| STCL11104 | 4x4"/101x101mm, packed per 400
carton 10 packs / 6.62kg / 50x27x25cm |
| STCL11106 | 6x6"/152x152mm, packed per 100
carton 20packs / 8.1kg / 50x27x25cm |
| STCL11109 | 9x9"/229x229mm, packed per 100
carton 10packs / 8.3kg / 50x27x25cm |

Description

ANTI-STATIC MATERIAL: Made of high-quality virgin polyester fibers with conductive carbon yarns (dark lines throughout the wipers) that are continuously filamented throughout the no-run knit construction process. The wipers can dissipate electrical charges effectively, making them a perfect wiping choice for sensitive processes.

ADVANTAGES: Excellent anti-static performance, and excellent solvent absorbance. It can effectively remove dust and oil loss. Both sides have ESD properties, unlike similar wipers that are dissipative on only one side. Extremely low linting and low in chemical extractable. Cleanroom laundered, vacuum-sealed .

APPLICATIONS: Anti-Static cleanroom wipe cloths are ideal for wiping sensitive electronic components and tools, including battery panels, liquid crystal displays, and other product surfaces in ESD-sensitive areas. It can be used in nearly all industrial fields which require static control, including PCB, SMT, microelectronics, medicine, semiconductor, LCD, and many others.

CLEANROOM:

ESD Micro Fiber Carbon Wiper is made with a Conductive fiber on both sides or One side designed to dissipate electrical charges and control. It is ideal for wiping items in EPA area and equipment.

Laser cut ensures Low Lint and Particle Level, Surface Resistivity 10^6 to 10^9 and has good absorbency to fluids.

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Characteristics:

Weight: 140g, thickness 0.49mm

Absorbency rate 337ml/m²,

Nonvolatile Residue, NVR

(IEST-RP-CC 004.3, short term extract ion)

IPA Extract ant (100 ml IPA at ambient temp for 24 hrs.) 0.080 mg/g

DIW Extract ant (100 ml DI water at ambient temp for 24 hrs.) 0.045 mg/g

NO Silicon Oil, Amide and DOP detected

Ion Content

(IEST-RP-CC 004.3, short term ext. react ion)

Chloride (Cl) 0.00002 mg/g

Nitrates (NO₃) 0.00012 mg/g

Nitrite (NO₂) 0.00012 mg/g

Sulphate (SO₄) 0.00040 mg/g

Sodium (Na) 0.000135 mg/g

Potassium (K) 0.000510 mg/g

Magnesium (Mg) 0.000016mg/g

Calcium (Ca) 0.000026 mg/g

Releasable Particles

LPC (> 0.5 um) 6.35 X 10⁶ particles/m²

(IEST-RP-CC 004.3-orbital shake mtd)

APC (Helmke Drum Test @10rpm); > 0.5 um 35 counts/pc./cfm -9"x9"

(IES-RP-CC003.2)

ESD Polyester wipers with Double-sided or One side conductive carbon strips are primarily used in ISO Class 3 to ISO Class 8 (formerly Class 1 to Class 10,000) cleanroom environments.

They are specifically engineered for ESD-sensitive zones—such as semiconductor fabs, microelectronics, and medical device manufacturing—where static dissipation and low-linting are equally critical.

Suitability Factors: Cleanroom Class Compatibility: Typically compatible with ISO Class 3 to 5 (Class 1 to 100) and easily suitable for less restrictive spaces like ISO Class 6 to 8 (Class 1,000 to 10,000).

We hereby certify that our products;

are compliant with IPC regulations, IEC 61340-5-1-ESD and ANSI/ESD S541

are compliant with all requirement and exemption set by the European RoHS 2.0, Directive 2011/65/EU & the European Delegated Directive (EU) 2015/863.

are compliant with the related requirements of European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

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