

## Polyester Cleanroom Wiping Cloth



### ◆ Product Description

This product is a cleanroom wiping material made of 100% polyester fiber (PET) through a double-knitting process. It undergoes laser/ultrasonic edge sealing and deionized water cleaning treatment, features low particle generation, high liquid absorption, and solvent resistance, and is suitable for precision cleaning of sensitive surfaces.

- Strong cleanroom protection capability.
- Excellent physical strength, durable and robust.
- Stable anti-static property.
- Strong resistance to solvent erosion.
- Multi-scenario adaptability.

### ◆ Product Structure

- The polyester cleanroom wiping cloth features a multi-layer composite structure. its core uses 75D fluorescent-free polyester fiber as the raw material layer, which is formed into a woven layer through a double-knitting process, the edges are sealed with laser technology, and finally, a double-layer clean packaging—consisting of an inner anti-static PE bag and an outer corrugated carton—ensures cleanliness during storage and transportation. All layers work together to support its core performance for adapting to sensitive scenarios.

### ◆ Typical Applications

- Polyester cleanroom wiping cloth is widely used in the electronics manufacturing field, where it can wipe off screen adhesive residues and equipment oil stains. It is suitable for wafer cleaning in the semiconductor field, used for lens dust removal and scratch prevention in the optical field, and can be used with solvents to wipe off instrument reagent residues in laboratories, fully meeting the strict cleanliness requirements of various scenarios.

### ◆ Typical Product Data and Physical Properties

Material: 100% Polyester Fiber (PET)

Color: White

Model: 1009DLE

Edge Sealing Method: Laser Edge Sealing

Breaking Strength: Warp Direction  $\geq 250N$ , Weft Direction  $\geq 200N$

Water Absorption:  $\geq 300\%$

Abrasion Resistance:  $\geq 500$  Cycles

### Availability:

Item#	Size	Grammage	Packaging
1.3.05.01.0007	4"x4"	120g/m2	10bags/carton
1.3.05.01.0009	6"x6"	120g/m2	20bags/carton
1.3.05.01.0010	9"x9"	120g/m2	10bags/carton
1.3.05.01.0029	4"x4"	140g/m2	10bags/carton
1.3.05.01.0028	6"x6"	140g/m2	20bags/carton
1.3.05.01.0026	9"x9"	140g/m2	10bags/carton
1.3.05.01.0022	12"x12"	140g/m2	5bags/carton

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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