



**Smartet Technology Development Co.,Ltd**

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## **PERFWIPE SS7M7000 Microfiber Cleanroom Wiper Specification**

### **Product Description**

PERFWIPE Microfiber wipes are designed & constructed with yarn as fine as 0.1 decitex, knitted extremely tight to ensure wipe durability. The structure of the yarn (30% Nylon / 70% Polyester) provides hydrophilic properties of nylon, lipophilic polyester properties, & the capillary effect of the dense construction provides a high level of water absorbency & superior wiping efficiency. We use a high temperature, high pressure process to split the yarn & release the 8 wedges of polyester yarn & shrink the cloth up to 40% to increase density. This process provides an extremely soft fabric that will leave no scratches on wiped objects.

The wedge like yarn structure effectively traps micro-contamination (particles & bacteria) without re-contaminating the surface.

Class100 Laundered & Packaged.

### **Composition & Attributes:**

Tightly knit & pre-shrunk 70% Hi Strength Polyester & 30% Nylon fiber

Ultra Low particle and fiber generation

Laser sealed border for maximum fiber & particle retention

Removal Technology for true lint free surface

Free of Silicon, Amides, and DOP contamination

Solvent safe double bag cleanroom packaging

Resists abrasion when used with rough surfaces

Works well with IPA and other cleaning solvents

### **Applications:**

Ideal for removing water & oil based contamination

Works well for particle removal & resistance with solvents

Soft texture will not scratch sensitive surfaces yet is very durable Recommended for

Optical, LCD, TFT & Hard Disk Drive cleaning Compatible with ISO Class 3.5 (Class

100) environments



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## Technical Data

Material : 30% Nylon / 70% Polyester

Material weight: 210gsm

Absorbency: 398ml/m<sup>2</sup>

FTIR: No silicone oil, No Amide, No DOP

LPC 0.5 microne particle/cm<sup>2</sup>: 800

NVR: DI-Water: 0.20mg/g  
IPA: 0.80mg/g

Ions Contamination: Chloride : 0.3ug/g  
Sulfate: 0.80ug/g  
Total Anion:1.50ug/g  
Ammonia: 1.10ug/g

## Order Information

Code	Size	Packaging
SS7M7004-LE-44	4"x4"	400pcs/bag 10bag/case
SS7M7006-LE-66	6"x6"	100pcs/bag 20bag/case
SS7M7009-LE-99	9"X9"	100pcs/bag 10bag/case

Note: The data in this table represent typical analyses of these wipers at the time of publication.

These are not specifications.

Smartet continually refines both its processes and its products.

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