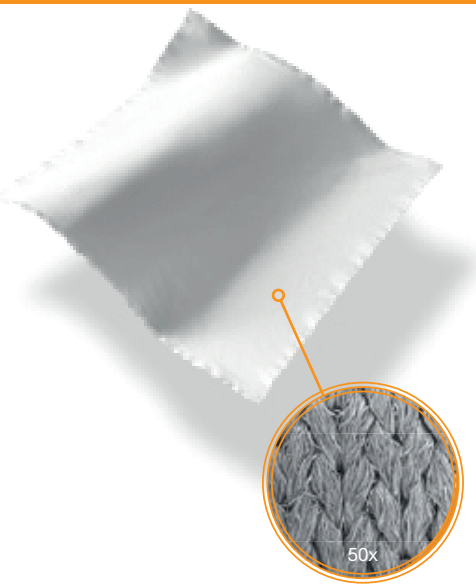


## PurWipe® K3-309-S / K3-312-S

Sterile Cleanroom Wipe | Polyester Polyamide Microfiber Knit

ISO	3	4	5	6	7	8
GMP			A/B		C	D



### Product description

The cleanroom wipe PurWipe® K3 boasts a thick material made with finest microfibers which make it perfectly suited for fine cleaning. It does not only offer a high absorbability for fluids, but also ensures that sensitive surfaces will not be scratched thanks to its soft texture.

- \_ Thick and robust polyester polyamide knit
- \_ Highest cleaning ability through microfiber
- \_ High absorption capacity for disinfection or chemical spills
- \_ For fine cleaning of sensitive surfaces



Edges



Product Identification



Bag label

### Product specifications

**Item Name:** PurWipe® K3-309-S / K3-312-S | Sterile Cleanroom Wipes

**Application / Usage:** Recommended for fine cleaning and disinfection of critical surfaces or components in GMP and ISO cleanrooms

**Material:** 80 % Polyester / 20 % Polyamide microfiber

**Material weight | Material thickness:** 205 g/m<sup>2</sup> (± 8 g/m<sup>2</sup>) | 0.45 mm

**Fiber size:** 8.5 µm (ø)

**Color:** White

**Edges:** Ultrasonic sealed (UB)

**Tensile strength | Abrasion resistance:** 25.37 MPa (ø) | 200 movements (12 kPa)

**Conductivity:** Not electrostatically conductive

**Sterility:** Gamma-irradiated, SAL 10<sup>-6</sup>, validated according to ISO 11137

**Shelf life:** 2 years

**Re-use:** Disposable wipe (for single use in cleanrooms)

**Packaging concept:** Cleanroom bag with easy-tear, 3-fold packed, for secure channeling into the cleanroom

**Product labelling:** Label with product information, batch number and expiry date located on inner bags and carton

**Storage:** General storage conditions apply, protect from harmful influences (fluids, sun rays or UV light, contamination, pressure), recommended storage temperature 5 - 40 °C.

**Customs tariff number | Country of origin:** 63071010 | People's Republic of China

Product	Item no.	Sterility	Edges	Size	Packing	Carton Size	Pallet
<b>K3-309-S</b>	2183407	sterile	ultrasonic sealed	229 x 229 mm (+/- 10 mm) (9 x 9 inch)	10 pcs. / bag 10 bags / pack 10 packs / case [1,000 pcs.]	490 x 260 x 290 mm	42 cartons 1200 x 800 mm
<b>K3-312-S</b>	2183409	sterile	ultrasonic sealed	305 x 305 mm (+/- 10 mm) (12 x 12 inch)	10 pcs. / bag 10 bags / pack 10 packs / case [1,000 pcs.]	630 x 320 x 270 mm	21 cartons 1200 x 800 mm

## PurWipe® K3-309-S / K3-312-S

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### Technical specifications

Property	Typical value	Specified value	Test method
<b>Absorption</b>			
Extrinsic	380 ml/m <sup>2</sup>	≥ 320 ml/m <sup>2</sup>	IEST-RP-CC 004.3
Intrinsic	1.85 ml/g	≥ 1.56 ml/g	IEST-RP-CC 004.3
Sorptive rate	1.5 seconds	≤ 3 seconds	IEST-RP-CC 004.3
<b>Particle emission</b>			
APC - airborne particles ≥ 0.5 µm	4,200 counts/m <sup>3</sup>	≤ 5,000 counts/m <sup>3</sup>	IEST-RP-CC 003.2
LPC - liquidborne particles ≥ 0.5 µm	1,100 counts/cm <sup>2</sup>	≤ 2,100 counts/cm <sup>2</sup>	IEST-RP-CC 004.3
<b>Non-volatile residue (NVR)</b>			
DI water	0.050 g/m <sup>2</sup>	≤ 0.070 g/m <sup>2</sup>	IEST-RP-CC 004.3
IPA	0.140 g/m <sup>2</sup>	≤ 0.183 g/m <sup>2</sup>	IEST-RP-CC 004.3
<b>Organic and inorganic substances (FTIR)</b>			
Silicone oil	not detectable	not detectable	Infrared spectroscopy
Amide	not detectable	not detectable	Infrared spectroscopy
Diethylphthalate (DOP)	not detectable	not detectable	Infrared spectroscopy
<b>Extractable ions (IC)</b>			
Sodium (Na <sup>+</sup> )	1.20 ppm	≤ 3.00 ppm	Ion chromatography
Potassium (K <sup>+</sup> )	0.40 ppm	≤ 0.50 ppm	Ion chromatography
Magnesium (Mg <sup>2+</sup> )	0.20 ppm	≤ 0.50 ppm	Ion chromatography
Calcium (Ca <sup>2+</sup> )	0.30 ppm	≤ 0.50 ppm	Ion chromatography
Chloride (Cl <sup>-</sup> )	0.30 ppm	≤ 0.50 ppm	Ion chromatography
Ammonium (NH <sub>4</sub> <sup>+</sup> )	0.08 ppm	≤ 0.10 ppm	Ion chromatography
Nitrate (NO <sub>3</sub> <sup>-</sup> )	0.20 ppm	≤ 0.30 ppm	Ion chromatography
Nitrite (NO <sub>2</sub> <sup>-</sup> )	0.20 ppm	≤ 0.30 ppm	Ion chromatography
Phosphate (PO <sub>4</sub> <sup>2-</sup> )	0.20 ppm	≤ 0.30 ppm	Ion chromatography
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	0.17 ppm	≤ 0.30 ppm	Ion chromatography
Bromide (Br <sup>-</sup> )	0.07 ppm	≤ 0.10 ppm	Ion chromatography
Fluoride (F <sup>-</sup> )	0.06 ppm	≤ 0.10 ppm	Ion chromatography

### Models in our K3-Series:

Product	Item no.	Sterility	Edges	Size	Packing
<b>K3-309</b>	2183406	non-sterile	ultrasonic sealed	9 x 9 inch	100 pcs. / bag (pack), 20 packs / case [2,000 pcs.]
<b>K3-312</b>	2183408	non-sterile	ultrasonic sealed	12 x 12 inch	100 pcs. / bag (pack), 10 packs / case [1,000 pcs.]

Optionally available in different edges and sizes

#### Industry sectors



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