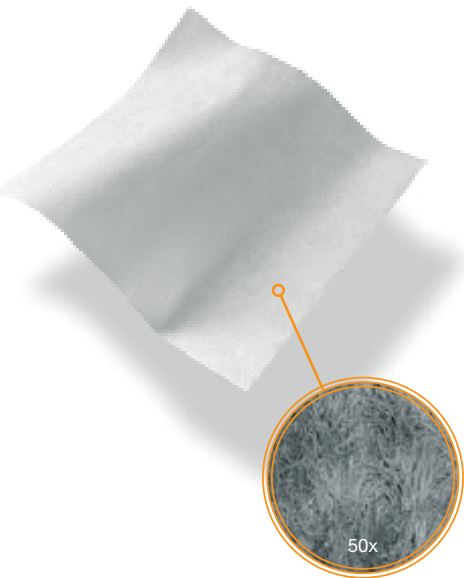


## PurWipe® N2-109-S / N2-112-S

Sterile Cleanroom Wipe | Polyester Polyamide Microfiber Nonwoven

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



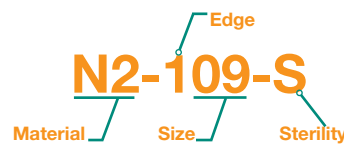
### Product description

The PurWipe® N2 is a newly developed microfiber nonwoven wipe which consists purely of synthetic fibers and boasts a high fluid absorption combined with reduced particle emission. This wipe's small microfibers ensure an effective cleaning performance on all types of surfaces. This in combination with the high tear and abrasion resistance make this wipe an innovative and safe solution for cleaning and disinfection in cleanrooms.

- \_ Purely synthetic microfiber nonwoven material
- \_ Highly durable and tear resistant
- \_ Lower particle emission than common nonwoven wipes
- \_ Highest cleaning ability through microfiber



Edges



Product Identification



Bag label

### Product specifications

**Item Name:** PurWipe® N2-109-S / N2-112-S | Sterile Cleanroom Wipes

**Application / Usage:** Recommended for effective cleaning and disinfection on various surfaces in cleanrooms up to ISO 5

**Material:** 70 % Polyester / 30 % Polyamide microfiber

**Material weight | Material thickness:** 80 g/m<sup>2</sup> (± 5 g/m<sup>2</sup>) | 0.28 mm

**Fiber size:** 8 µm (ø)

**Color:** White

**Edges:** Cut

**Tensile strength | Abrasion resistance:** 21.63 MPa (ø) | not defined

**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, triple packed, for safe entry 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 (l/w/h)	Pallet
N2-109-S	2183501	sterile	cut	229 x 229 mm (+/- 10 mm) (9 x 9 inch)	20 pcs. / bag 10 bags / pack 10 packs / case [2,000 pcs.]	480 x 250 x 350 mm	30 cartons 1200 x 800 mm
N2-112-S	2183503	sterile	cut	305 x 305 mm (+/- 10 mm) (12 x 12 inch)	20 pcs. / bag 10 bags / pack 10 packs / case [2,000 pcs.]	630 x 320 x 350 mm	15 cartons 1200 x 800 mm

## PurWipe® N2-109-S / N2-112-S

Sterile Cleanroom Wipes | Polyester Polyamide Microfiber Nonwoven

### Technical specifications

Property	Typical value	Specified value	Test method
<b>Absorption</b>			
Extrinsic	360 ml/m <sup>2</sup>	≥ 250 ml/m <sup>2</sup>	IEST-RP-CC 004.3
Intrinsic	4.50 ml/g	≥ 3.13 ml/g	IEST-RP-CC 004.3
Sorptive rate	2 seconds	≤ 5 seconds	IEST-RP-CC 004.3
<b>Particle emission</b>			
APC - airborne particles ≥ 0.5 µm	38,000 counts/m <sup>3</sup>	≤ 43,000 counts/m <sup>3</sup>	IEST-RP-CC 003.2
LPC – liquidborne particles ≥ 0.5 µm	4,800 counts/cm <sup>2</sup>	n.d.*	IEST-RP-CC 004.3
<b>Non-volatile residue (NVR)</b>			
DI water	0.081 g/m <sup>2</sup>	n.d.*	IEST-RP-CC 004.3
IPA	0.241 g/m <sup>2</sup>	n.d.*	IEST-RP-CC 004.3
<b>Extractable ions (IC)</b>			
Sodium (Na <sup>+</sup> )	20 ppm	n.d.*	Ion chromatography
Potassium (K <sup>+</sup> )	75 ppm	n.d.*	Ion chromatography
Calcium (Ca <sup>2+</sup> )	20 ppm	n.d.*	Ion chromatography

\* not defined

### Models in our N2-Series:

Product	Item no.	Sterility	Edges	Size	Packing
<b>N2-109</b>	2183500	non-sterile	cut	9 x 9 inch	100 pcs. / bag (pack), 20 packs / case [2,000 pcs.]
<b>N2-112</b>	2183502	non-sterile	cut	12 x 12 inch	100 pcs. / bag (pack), 20 packs / case [2,000 pcs.]

Optionally available in different sizes

#### Industry sectors



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