



# PurWipe® V3-109 II

# PurWipe® V3-112 II

Cleanroom Wipe

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Presaturated

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Polyester-Polyamide-Microfiber Nonwoven

Polyester-Polyamide-Microfiber Nonwoven

Item no. 2186200

Item no. 2186202

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

The PurWipe® V3 is a newly developed pre-saturated microfiber nonwoven wipe, which consists purely of synthetic fibers and boasts a high absorbency combined with reduced particle emission. This wipe's 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.

- Presaturated microfiber nonwoven wipe
- Highly durable and tear resistant, low particle emission
- Highest cleaning ability through microfiber
- Ready-to-use presaturated with Isopropanol 70% / WFI quality water 30%; resealable, VHP-resistant pouch; individually folded

	V3-109 II	V3-112 II
Size	229 x 229 mm (± 10 mm) (9 x 9 inches)	305 x 305 mm (± 10 mm) (12 x 12 inches)
Packaging	30 wipes / pouch 5 pouches / pack 4 packs / carton [600 wipes]	30 wipes / pouch 5 pouches / pack 4 packs / carton [600 wipes]
Carton size	390 x 310 x 250 mm	450 x 400 x 270 mm
Pallet	48 cartons 1200 x 800 mm	14 cartons 1200 x 800 mm

#### APPLICATION, USAGE

Recommended for effective cleaning and disinfection on various surfaces in cleanrooms

#### MATERIAL

70% polyester / 30% polyamide-microfiber

#### MATERIAL WEIGHT, 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

#### PRESATURATION

Liquid mixture: Isopropanol 70% / WFI quality water 30%  
390 ml per pouch (9") | 660 ml per pouch (12") | sterile-filtered 0,2 µm

#### SHELF LIFE

2 years

#### RE-USE

Disposable wipe (for single use in cleanrooms)

#### PACKING CONCEPT

VHP-resistant resealable pouch, 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

#### BPR CONFORMITY

Isopropanol is registered according to the current BPR regulation.

#### DANGEROUS GOODS

UN 3175, solid substances or mixtures of solid substances (such as preparations, preparation and waste) containing flammable liquid substances with a flash point not exceeding 60 °C N.O.S.  
CAS-No. 67-63-0, EG-No. 200-661-7, Index-No. 603-117-00-0

#### STORAGE

General storage conditions for dangerous goods apply. Protect from harmful influences (fluids, sun rays or UV light, contamination, pressure). Recommended storage temperature 5–25 °C.

#### CUSTOMS TARIFF NUMBER COUNTRY OF ORIGIN

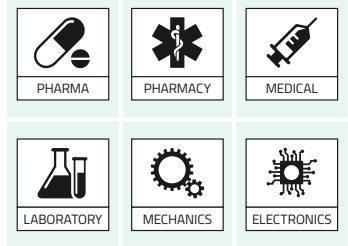
34022090,  
People's Republic of China



# PurWipe® V3-109 II

# PurWipe® V3-112 II

## INDUSTRY SECTORS



### TECHNICAL SPECIFICATIONS (PurWipe® N2 – DRY)

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>	not defined	IEST-RP-CC 004.3
<b>Non-volatile residue (NVR)</b>			
DI water	0,081 g/m <sup>2</sup>	not defined	IEST-RP-CC 004.3
IPA (isopropanol)	0,241 g/m <sup>2</sup>	not defined	IEST-RP-CC 004.3
<b>Extractable ions (IC)</b>			
Sodium (Na <sup>+</sup> )	20 ppm	not defined	Ion chromatography
Potassium (K <sup>+</sup> )	75 ppm	not defined	Ion chromatography
Calcium (Ca <sup>2+</sup> )	20 ppm	not defined	Ion chromatography

### TECHNICAL SPECIFICATIONS FLUID (ACTIVE AGENT – 70% ISOPROPANOL)

PROPERTIES	SPECIFICATIONS
Effective components at 100 g isopropanol	63,1 g Propan-2-ol, equivalent to 70% (wt/wt)
SG (specific gravity) at 20 °C	0,872 – 0,883
Flash point (DIN 51755)	22 °C

### MICROBIOLOGICAL EFFICIENCY FLUID

EFFICIENCY	CONTACT TIME	EFFICIENCY	CONTACT TIME
<b>Bactericidal</b>		<b>Fungicidal</b>	
EN 1276	5 min.	EN 1650	15 min.
EN 13697	5 min.	EN 13697	15 min.
EN 16615	1 min.	EN 16615	1 min.

### MODELS IN OUR V3-SERIES

PRODUCT	ITEM NO.	STERILITY	EDGES	SIZE	PACKING
V3-109-S II	2186201	sterile	cut	9 x 9 inches 229 x 229 mm	30 wipes / pouch, 5 pouches / pack 4 packs / carton [600 wipes]
V3-112-S II	2186203	sterile	cut	12 x 12 inches 305 x 305 mm	30 wipes / pouch, 5 pouches / pack 4 packs / carton [600 wipes]



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