



PurWipe® V3- 109-S II

Cleanroom Wipe

Sterile | Presaturated

Polyester-Polyamide-
Microfiber Nonwoven

Item no. 2186201

PurWipe® V3- 112-S II

Cleanroom Wipe

Sterile | Presaturated

Polyester-Polyamide-
Microfiber Nonwoven

Item no. 2186203

| STERILE |

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
- Highest cleaning ability through microfiber
- Ready-to-use presaturated with Isopropanol 65% / Ethanol 5% / Pharma water 30%; resealable, VHP-resistant pouch; individually folded

	V3-109-S II	V3-112-S 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

Use biocidal products safely. Always read the label and product information before use!

| MATERIAL

70% polyester / 30% polyamide-microfiber

| MATERIAL WEIGHT, THICKNESS

80 g/m² (± 5 g/m²) | 0,28 mm

| FIBER SIZE

8 µm (ø)

| COLOR | EDGES

White | Cut

| TENSILE STRENGTH, ABRASION RESISTANCE

21,63 MPa (ø) | not defined

| CONDUCTIVITY

Not electrostatically conductive

| PRESATURATION

Liquid mixture: Isopropanol 65% / Ethanol 5% / Pharma water 30%
390 ml per pouch (9") | 660 ml per pouch (12") | sterile-filtered 0,2 µm

| STERILITY

Gamma-irradiated, SAL 10⁻⁶, validated according to ISO 11137

| 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

Liquid mixture Isopropanol 65% / Ethanol 5% / Pharma water 30% is registered according to the current national legislation.

N-102663, BE-REG-01847

(PurWipe® V3-109-S II)

N-102665, BE-REG-01844

(PurWipe® V3-112-S II)

UFI-Code: VMM4-8XRW-DTOM-1YA1

| 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.

Isopropanol (CAS-no. 67-63-0 /

EG-no. 200-661-7 / Index-no.

603-117-00-0),

Ethanol (CAS-no. 64-17-5 /

EG-no. 200-578-6 / Index-no.

603-002-00-5)

| 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

34025090,

People's Republic of China



PurWipe®

V3- 109-S II

PurWipe®

V3- 112-S II

INDUSTRY SECTORS



TECHNICAL SPECIFICATIONS (PurWipe® N2 – DRY)

PROPERTY	TYPICAL VALUE	SPECIFIED VALUE	TEST METHOD
Absorption			
Extrinsic	360 ml/m ²	≥ 250 ml/m ²	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
Particle emission			
APC – airborne particles ≥ 0,5 µm	38.000 counts/m ³	≤ 43.000 counts/m ³	IEST-RP-CC 003.2
LPC – liquidborne particles ≥ 0,5 µm	4.800 counts/cm ²	not defined	IEST-RP-CC 004.3
Non-volatile residue (NVR)			
DI water	0,081 g/m ²	not defined	IEST-RP-CC 004.3
IPA (isopropanol)	0,241 g/m ²	not defined	IEST-RP-CC 004.3
Extractable ions (IC)			
Sodium (Na ⁺)	20 ppm	not defined	Ion chromatography
Potassium (K ⁺)	75 ppm	not defined	Ion chromatography
Calcium (Ca ²⁺)	20 ppm	not defined	Ion chromatography

TECHNICAL SPECIFICATIONS FLUID (ACTIVE AGENT – 65% ISOPROPANOL / 5% ETHANOL)

PROPERTIES	SPECIFICATIONS	
Effective components at 100 ml liquid mixture	52,57 g Propan-2-ol (Ph. Eur. 99.99%) 4,23 g Ethanol (96%)	
SG (specific gravity) at 20 °C	0,873	
Flash point (DIN 51755)	19,7 °C	
Dangerous goods	UN 3175 LQ	
WATER QUALITY	TYPICAL VALUES	SPECIFIED VALUES
	Purified pharma water (Ph. Eur.) TVC 1 CFU/ml Conductivity 0,8 µS/cm (25 ± 1 °C) TOC 36 ppb Nitrate < 0,2 ppm	Purified pharma water (Ph. Eur.) TVC < 100 CFU/ml Conductivity 2,0 µS/cm (25 ± 1 °C) TOC < 500 ppb Nitrate < 0,2 ppm

MICROBIOLOGICAL EFFICIENCY FLUID

EFFICIENCY	CONTACT TIME	EFFICIENCY	CONTACT TIME	EFFICIENCY	CONTACT TIME
Bactericidal		Yeasticidal		Virucidal	
EN 1276	5 min.	EN 1650	5 min.	EN 14476 Enveloped Viruses	15 min.
EN 13697	5 min.	EN 13697	5 min.		
EN 16615	1 min.*	EN 16615	1 min.*		

* For Belgium: 5 min. (according to Belgian BPR requirements)

PT2-Disinfection of hard/non-porous surfaces in cleanrooms with RTU pre-impregnated wipes with mandatory prior cleaning at 18-25 °C.

Make sure to wet the surfaces completely and apply the product in sufficient quantity to ensure that the surfaces remain wet during the entire incubation time.

MODELS IN OUR V3-SERIES

PRODUCT	ITEM NO.	STERILITY	EDGES	SIZE	PACKING
V3-109 II	2186200	non-sterile	cut	9 x 9 inches 229 x 229 mm	30 wipes / pouch, 5 pouches / pack 4 packs / carton [600 wipes]
V3-112 II	2186202	non-sterile	cut	12 x 12 inches 305 x 305 mm	30 wipes / pouch, 5 pouches / pack 4 packs / carton [600 wipes]



Hydroflex Group GmbH . Kiesacker 19 . 35418 Buseck . Germany

T +49 6408 50435-0 . F +49 6408 50435-20 . info@hydroflex-group.com . hydroflex-group.com