Hydroflex

PHARMA
PROGRAM

Products for Cleanroom Hygiene in Pharmacy and Biotechnology



Pure Passion
for Cleanroom Hygiene

Passion for CLEAN Rooms

Dear Customers,

for four decades, everything we deal with is about cleaning industrial environments. In 2009, Hydroflex took on the challenge of meeting the pharmaceutical industry's high cleanliness and hygiene requirements – and re-thinking cleanroom cleaning. The result: in the meantime, the benchmark for our industry. Effective, easy-to-use mop and wipe systems for manual cleaning. Used in all types of cleanrooms and a wide variety of high-tech industries. Day after day, proven a million times over.

Today, we develop solutions under the PurMop® and PurWipe® product brands, which we supply to cleanroom operators in over 50 countries worldwide. And, of course, to you. In this brochure, we offer you some interesting suggestions for your perfect cleanroom cleaning.

WE MAKE YOUR

PRODUCTION SAFE

With Solutions for Cleanroom Hygiene in GMP-Areas of Pharmacy & Biotechnology

By way of introduction, we refer to the basic information on working in a cleanroom and the descriptions on cleanroom hygiene:

_GMP Guideline, especially Annex 1
_VDI guideline 2083, e. g. sheet 9.2 for consumables
_Pharmaceuticals Act § 13
_ISO 14644-1

In addition, some further explanations:

Materials that must be infiltrated into the cleanroom are not allowed to represent themselves a source of contamination, i. e., they must have a high cleanroom suitability and purity.

All procedures should be defined in a written program (e. g. SOP). The personnel must be trained on a regular basis.

Products presaturated with disinfectant offer significant handling advantages. Manual impregnation is no longer necessary (for mops by trolley, for cloths by spraying) and each textile is evenly and correctly saturated.

For critical A-areas (workbenches / isolators) products are recommended that have extremely low particles. As a rule, this can only be achieved by prewashing. Nonwoven wipes are not prewashed and should therefore not be used in A-areas. All products that are introduced into A/B areas must be sterile. This applies in particular also for cleaning and disinfection fluids.

Hydroflex has specifically developed a product range which meets the requirements for use in these areas – offering excellent performance at the same time.

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FILLING SYSTEMS, RABS, ISOLATORS

Critical sterile areas must be disinfected at least before and after every preparation, and usually also in between. The agent of choice is sterile isopropanol 65 % / ethanol 5 % / water for pharmaceutical use 30 %. Regular sporicidal disinfection is important. For areas that are hard to reach the use of special tools (ICT-system) is helpful.

PurMop®

ICT-SERIES

Stainless Steel | Aluminium

Isolator Cleaning Tool

PurMop® ICT is a special and compact cleaning tool for plants, isolators, RABS and workbenches in GMP A/B-areas. The tool consists of handle, frame, and disposable mop.

- Ergonomic, maneuverable stainless steel tool, durable and autoclavable
- Ideal for cleaning of hard-to-reach areas like workbenches and isolators
- Sterile and high-performance mop covers



ICT2050 | fixed

ICT2080 | telescopic

ICT2050*
FIXED ISOLATOR CLEANING SYSTEM | STAINLESS STEEL

Set, consisting of:
- 1 piece | SEP50 stainless steel handle, 50 cm, fixed
- 1 piece | MEP20 stainless steel frame, 20 cm
- Robust design, easy to clean
- Autoclavable, suitable for sterile cleanrooms
- Handle grip for ergonomic cleaning
- Quick-change clip system

Item no. 2131015

Optimal for	GMP A/B

ICT2080*
TELESCOPIC ISOLATOR CLEANING SYSTEM | STAINLESS STEEL

Set, consisting of:
- 1 piece | SET2040 stainless steel telescopic handle, 48 cm - 81 cm
- 1 piece | MEP20 stainless steel frame, 20 cm
- Robust design, easy to clean
- Autoclavable, suitable for sterile cleanrooms
- Handle grip for ergonomic cleaning
- Quick-change clip system

Item no. 2131024

Optimal for	GMP A/B

*Aluminium version also available (ICTA2050, ICTA2080)

PurMop® Disposable Mops

PurMop® ICT disposable mops are used in combination with the ICT cleaning tool as an innovative alternative to wipes. ICT mops guarantee best accessibility to hard-to-reach areas due to highest user safety.

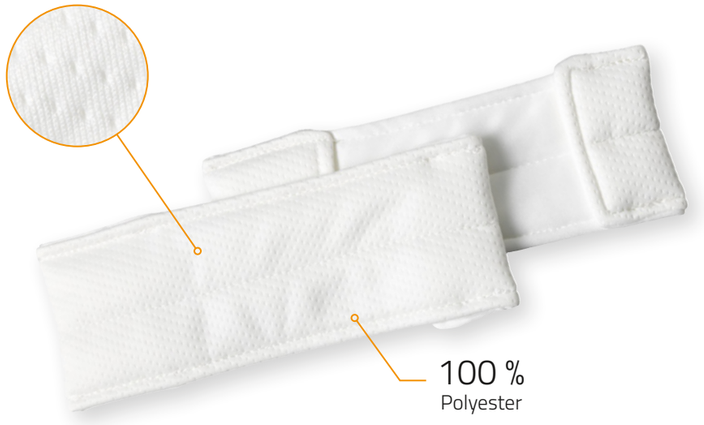
PurMop®

EC 20-S

Disposable Cleanroom Mop for ICT

Polyester Knit

- High-quality and multiple material layers for high cleaning performance
- Suitable for glass and stainless steel surfaces
- Low particle emission for usage in GMP A/B areas
- Design allows to reach corners optimally



EC20-S [STERILE]

- Size: 20 cm
- Packing:
  2 mops / pack
  50 packs / carton
  [100 mops]

Item no. 2111111

Optimal for	GMP A/B

PurMop®

EC 20-SV II

Disposable Cleanroom Mop for ICT | Presaturated

Polyester Knit

- Ready to use presaturated with Isopropanol 65 % / Ethanol 5 % / Pharma Water 30 %
- High-quality and multiple material layers for high efficiency
- Suitable for glass and stainless steel surfaces
- Low particle emission for usage in GMP A/B areas

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

Easy-tear foil pack



EC20-SV II [STERILE]

- Presaturated with:
  Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 20 cm
- Packing:
  2 mops / pack
  20 packs / carton
  [40 mops]

Item no. 2111148

Optimal for	GMP A/B

PurWipe® Cleanroom Wipes

Essential for the safe cleaning and wetting of critical products and contacting surfaces are our knitted K-series wipers. They are characterized by a low particle release. And if you want to save time, we recommend our PurWipe® V-Series – these wipes are presaturated and ready for use from the first wipe.

PurWipe®

V4

Presaturated Cleanroom Wipe

Polyester Knit

- 100 % polyester knit – decontaminated for highest purity
- Heat sealed edges, low particle emission and high purity
- High impregnation rate for effective disinfection
- Presaturated, single removable, resealable pouch

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



V4-209-S II [STERILE]

- Presaturated with:
  Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 23 x 23 cm | 9 x 9"
- Edges: Heat sealed
- Packing:
  20 wipes / bag
  5 bags / pack
  6 packs / carton
  [600 wipes]

Item no. 2186205

Optimal for	GMP A/B

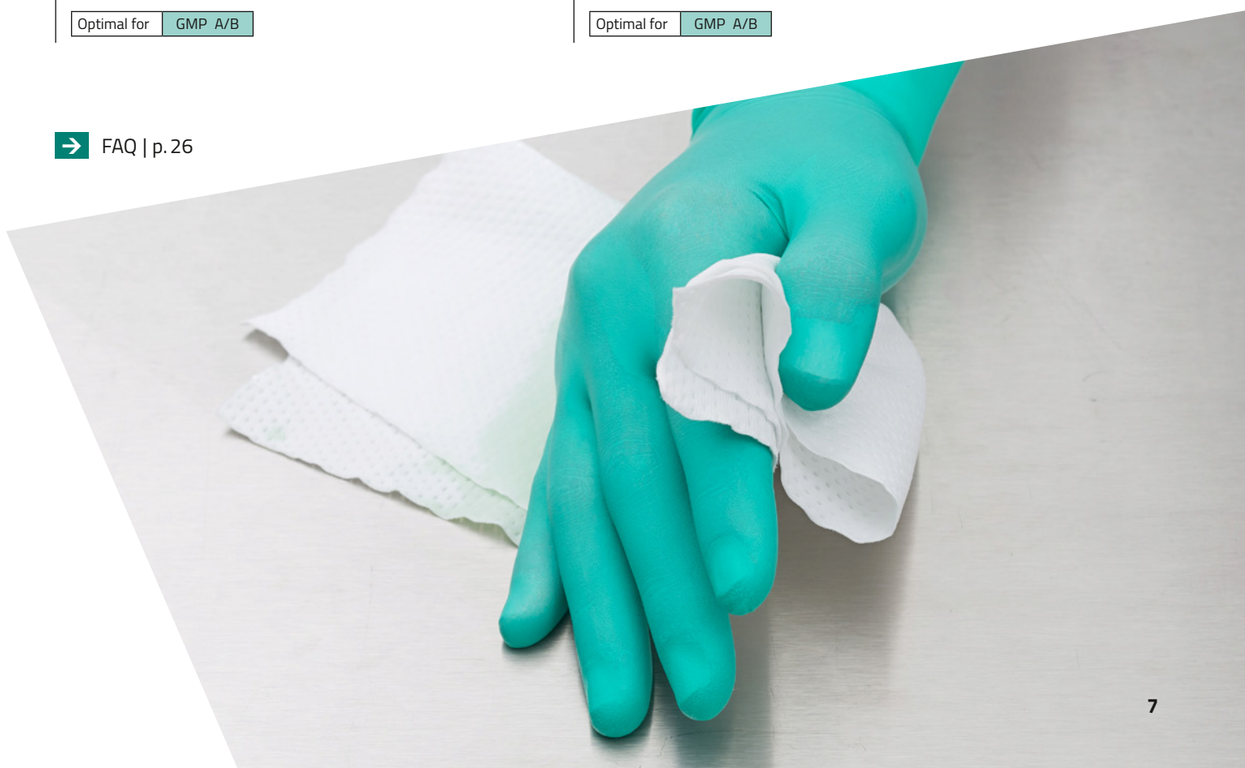
V4-212-S II [STERILE]

- Presaturated with:
  Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 30 x 30 cm | 12 x 12"
- Edges: Heat sealed
- Packing:
  20 wipes / bag
  5 bags / pack
  6 packs / carton
  [600 wipes]

Item no. 2186207

Optimal for	GMP A/B

FAQ | p. 26



PurWipe®

K1

Cleanroom Wipe

Polyester Knit



- 100 % polyester knit – decontaminated for lowest particle emission
- Robust polyester double knit for high absorbency and high particle pick up
- Heat sealed edges and high purity

K1-209-S [STERILE]

- Size: 23 x 23 cm | 9 x 9"
- Edges: Heat sealed
- Packing: 10 wipes / bag, 10 bags / pack 10 packs / carton [1.000 wipes]

Item no. 2183203

Optimal for GMP A/B

K1-212-S [STERILE]

- Größe: 30 x 30 cm | 12 x 12"
- Edges: Heat sealed
- Packing: 10 wipes / bag, 10 bags / pack 10 packs / carton [1.000 wipes]

Item no. 2183205

Optimal for GMP A/B

PurWipe®

K4

Cleanroom Wipe

2-ply Polyester Knit



- 2-ply bonded polyester double knit
- High absorption capacity
- Low particle emission, decontaminated
- Suitable for rough surfaces, machines, equipment

K4-309-S [STERILE]

- Size: 23 x 23 cm | 9 x 9"
- Edges: Ultrasonic sealed
- Packing: 5 wipes / bag, 10 bags / pack 10 packs / carton [500 wipes]

Item no. 2183601

Optimal for GMP A/B

K4-312-S [STERILE]

- Size: 30 x 30 cm | 12 x 12"
- Edges: Ultrasonic sealed
- Packing: 5 wipes / bag, 10 bags / pack 10 packs / carton [500 wipes]

Item no. 2183603

Optimal for GMP A/B

Application Video | YouTube

PurWipe®

N2 VP

Cleanroom Wipe

Fillpack (ready for self-filling)

Polyester-Polyamide-Microfiber Nonwoven



- Ready for saturation with your fluid of choice
- Pouch with lid (fillpack)
- Purely synthetic microfiber nonwoven material
- The pouch and the wipe are resistant to a wide range of common cleanroom bactericides, sporicides, and detergents
- Reduction of VOC by avoiding triggering of spraying liquid into a dry wipe.
- Highest cleaning ability through microfiber

N2-109-S VP [STERILE]

- Size: 23 x 23 cm | 9 x 9"
- Edges: Cut
- Packing: 40 wipes / bag 40 bags / carton [1.000 wipes]

Item no. 2183508

Optimal for GMP A/B

N2-Wipe (dry) | p. 23



FLOORS, WALLS, CEILINGS



FULL & PERMANENT AUTOCLAVABLE

Professional and steady cleaning and disinfection is an essential part of industrial hygiene. In addition to the required materials such as mops and wipes, the selection of the appropriate cleaning system also plays an important role. Especially for small sterile areas, PurMop® offers small, space-saving and practical solutions that ensure safe and effective results.

Ergonomic, versatile, GMP compliant: PurMop® Cleaning Trolleys

PurMop®

PREPARE

Presaturation System

Stainless Steel

The PREPARE stainless steel presaturation system is an ultra-compact and mobile cleaning system for presaturating mops and has a 2-bucket design. By pouring cleaning / disinfecting fluid over the mops in the bucket, these can be easily and safely saturated before usage in cleanrooms.
One bucket is for picking up the fresh mops, the other is intended to discard the used mops.



PREPARE
ULTRA-COMPACT PRESATURATION SYSTEM

- 2 x 8,5 l buckets with handles
- Stainless steel sieve for fluid dosage
- Stainless steel mop carrier for easy pickup of the mops
- Easy saturation by pouring over
- Dimensions (L x W x H): 53 x 32 x 31 cm
- Weight: 8 kg

Item no. 2123030

Optimal for	GMP A/B

PurMop®

2.0 ERGO-S 205-F

Foldable Cleanroom Cleaning System with Dosing Unit and Foldable Handle

Stainless Steel

Ultracompact and touchless cleanroom cleaning system with stainless steel buckets and foldable handle. In combination with user-friendly accessories and a selection of our PurMop® disposable or reusable mops this system combines ergonomic handling with a durable, cleanroom suitable design. The innovative mop wetting device guarantees reproducible results and avoids excess fluid.



2.0 ERGO-S 205-F
FOLDABLE CLEANROOM CLEANING SYSTEM WITH DOSING UNIT AND FOLDABLE HANDLE

- 1 stainless steel bucket 18 l with mop carrier (front | for new mops)
- 1 stainless steel bucket 18 l with mop wetting device (centered | for fluid)
- Bag holder with clips for MB18-R/S (centered | for mop discard)
- Mop discarding mechanism
- Handle holder (lateral)
- Dimensions (L x W x H): 65 x 70 x 94 cm
- Height (folded handle): 72 cm
- Weight: 20 kg

Item no. 2123030

Optimal for	GMP A/B

PurMop® Handles & Frames

Smooth and polished stainless steel surfaces ensure GMP conformity and long-term resistance against steam sterilization. Designed for touch free handling, with modular and screwless connections, PurMop® equipment ensures optimal ergonomics in cleanroom cleaning.

PurMop®

MOP HANDLES

Stainless Steel



SEP140
HANDLE FIXED

- Autoclavable, suitable for sterile cleanrooms
- Quick change system
- With ergonomic handle grip
- Length: 142 cm (fixed)

Item no. 2131003

Optimal for GMP A/B

SET2070
TELESCOPIC HANDLE MEDIUM LENGTH

- Autoclavable, suitable for sterile cleanrooms
- Quick change system
- With ergonomic handle grip
- Length: 77 cm - 145 cm (stepless adjustable)

Item no. 2131006

Optimal for GMP A/B

SET2100
TELESCOPIC HANDLE LONG

- Autoclavable, suitable for sterile cleanrooms
- Quick change system
- With ergonomic handle grip
- Length: 107 cm -205 cm (stepless adjustable)

Item no. 2131005

Optimal for GMP A/B

PurMop®

MOP FRAMES

Stainless Steel



KEK40 / KEK40 Light
LIGHT MOP FRAME | FOLDABLE

- Autoclavable and disinfectant resistant
- Quick change system
- Lockable for cleaning of walls and ceilings
- Suitable with: PurMop® Mops 40 cm
- For touch free discard with ERGO / GO System
- **KEK40 Light:** Like KEK40, but light weight thanks to cutouts

Item no. 2151008

Optimal for GMP A/B

Item no. 2151014

Optimal for GMP A/B

KEU40
MOP FRAME | FOLDABLE

- Autoclavable and disinfectant resistant
- Quick change system
- Suitable with: PurMop® Mops 40 cm

Item no. 2151003

Optimal for GMP A/B

PurMop® Disposable Mops | E-Series

Disposable mops are designed for single use in cleanrooms and guarantee maximum performance and safety due to their high-performance microfiber. The innovative E-Series is processed under high quality standards in cleanrooms, packaged for cleanroom use and supplied sterile (24 months) incl. COI and COA.

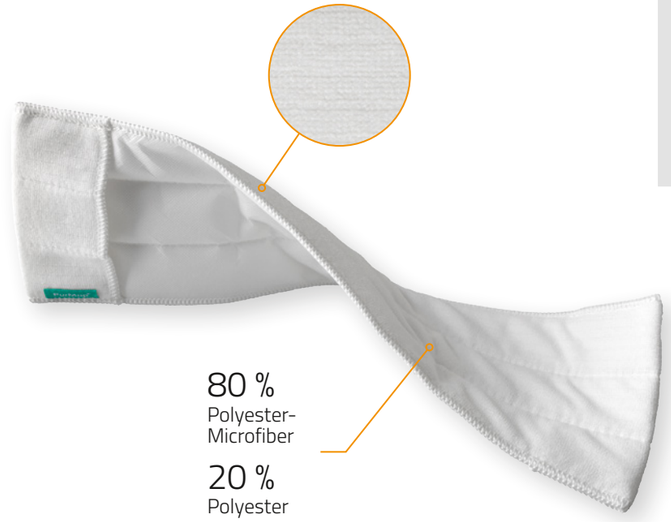
PurMop®

EF 40-S

Disposable Cleanroom Mop

Polyester-Microfiber

- 3D trim structure for high absorption capacity
- Highest cleaning ability due to special microfiber technology
- High area performance through multiple fluid absorbing inserts
- Ergonomic handling through ideal gliding properties on almost all floor coverings



EF40-S [STERILE]

- Size: 40 cm
- Packing: 5 mops / pack 20 packs / carton [100 mops]

Item no. 2111109

Optimal for GMP A/B

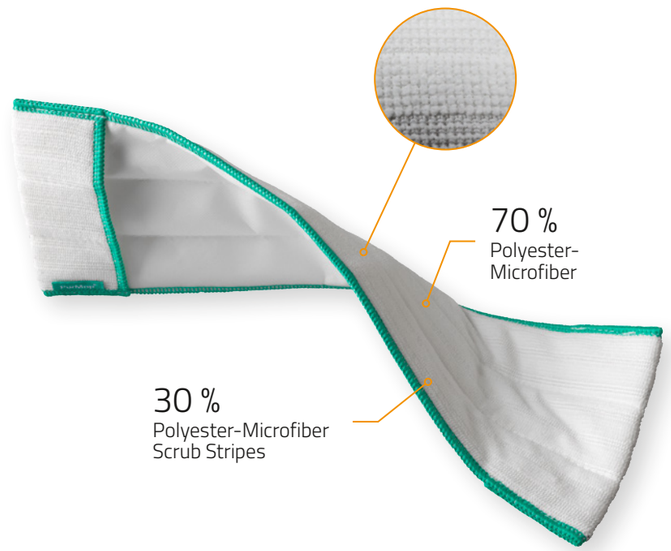
PurMop®

EFB 40-S

Disposable Cleanroom Mop

Polyester-Microfiber + Scrub Stripes

- 3D trim structure for high absorption capacity
- Highest cleaning ability due to multiple stripes of microfiber + brush
- High area performance through multiple fluid absorbing inserts
- Excellent gliding properties



EFB40-S [STERILE]

- Size: 40 cm
- Packing: 5 mops / pack 20 packs / carton [100 mops]

Item no. 2111118

Optimal for GMP A/B

65 % Isopropanol
5 % Ethanol
30 % Pharma water



PurMop®

EF 40-SV II

Presaturated Disposable Cleanroom Mop

Polyester-Microfiber

- Ready to use presaturated with Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Exceptional cleaning performance due to high-tech microfiber
- High area performance due to special fluid reservoir
- Good gliding and handling properties on most flooring types
- Also suitable for glass and stainless steel surfaces

EF40-SV II [STERILE]

- Presaturated with Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 40 cm

- Packing: 5 mops / pack 10 packs / carton [50 mops]

Item no. 2111149

Optimal for | GMP A/B





EF40-SV-2P II [STERILE]

- Presaturated with Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 40 cm

- Packing: 2 mops / pack 25 packs / carton [50 mops]

Item no. 2111150

Optimal for | GMP A/B

PurMop® Presaturated Disposable Cleanroom Mops | V-Series

PurMop® V-Series: The fastest and most comfortable way to clean a cleanroom! With our Ready-2-Use presaturated disposable mops, we offer an innovative solution that makes cleaning much easier, especially in small cleanrooms. Packaged presaturated with IPA solution and water, there is no need for a trolley system.

- Microfiber mops with high cleaning performance
- Delivered presaturated and ready-to-use
- Enables very quick and flexible usage
- Correct fluid level in each mop
- Particularly suitable for small cleanrooms
- Can be used without additional cleaning trolley

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

FAQ | p. 27

CLEANROOM GOGGLES

PurGuard Cleanroom Goggles

The PurGuard portfolio consists of tightly fitting goggles for safe work in sterile GMP cleanrooms. Our goggles are certified in compliance with international standards, for optimal user safety.

PurGuard
SV-800-AF
Reusable Goggle

- Suitable for wearing with prescription glasses
- Very soft and comfortable frame material, adjustable silicone headband
- Robust lens material, resistant to disinfectants
- Direct ventilation at the top and indirect ventilation at the bottom
- Fully autoclavable, CE certified



SV-800-AF

- Size: One size
- PVC frame, coated polycarbonate lens, silicone headband
- Special anti-fog coating

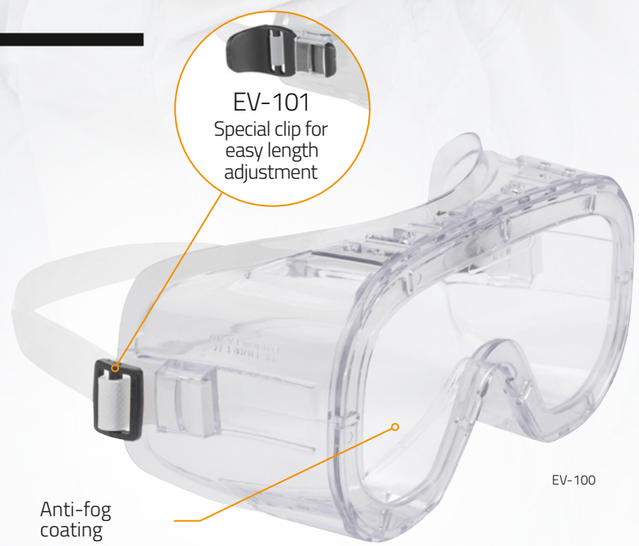
- VE = Verpackungseinheit
- Englisch: PU (packaging unit) oder SU (selling unit) wie im DS?
- Packing: 1 goggle / bag, 10 bags / carton [PU/SU? = 10 goggles] 10 cartons / outer carton [100 goggles]

Item no. 2962010

Optimal for | GMP A/B

PurGuard
EV-100/101
Disposable Goggles

- Very soft and comfortable frame material
- Robust lens material, resistant to disinfectants
- Indirect ventilation and anti-fog coating
- Adjustable silicone headband, latex-free
- CE certified



EV-100 / EV-101 [STERILE]

- Size: One size
- PVC frame, coated PC lens, silicone headband
- EO (Ethylene Oxide) sterilized, due to ISO 11135

- packing: 1 goggle / bag 10 bags / pack, 5 packs / carton [50 goggles]

Item no. 2961004

Optimal for | GMP A/B

- EV-101: Special clip for easy length adjustment of the headband

Item no. 2961005

Optimal for | GMP A/B

PurGuard
SV-900-AF
Reusable Goggle

- Panorama lens
- Very soft and comfortable frame material
- Robust lens material, resistant to disinfectants
- Special ventilation design
- Fully autoclavable
- CE certified



SV-900-AF

- Size: One size
- PVC frame, coated polycarbonate lens, silicone headband
- Special anti-fog coating

- Packing: 1 goggle / bag, 10 bags / carton [PU/SU? = 10 goggles] 10 cartons / outer carton [100 goggles]

Item no. 2962011

Optimal for | GMP A/B



FLOORS, WALLS, CEILINGS

Touching used mop covers and contaminated cleaning equipment such as mop holders poses a high risk of spreading contamination in the cleanroom. PurMop® ERGO enables completely touch-free handling of the cleaning trolley in just three steps: 1. pick-up, 2. dosing, and 3. mop discarding.

GOOD TO KNOW

The ERGO Principle
→ p. 26

The PurMop® ERGO-System – Clever Cleanroom Cleaning

PurMop®
ERGO
Mop Dosage System
Stainless Steel | Plastic

Touchless Performance
Completely touchless handling of the cleanroom trolleys in just three steps

Reproducible Processes thanks to an innovative wetting system which enables the application of a defined amount of liquid (detergents / disinfectants) onto the mop in one single step.

Advanced ERGOnomics requires the least effort, eliminates the need for bending down or lifting heavy buckets.



2.0 ERGO-S 230
CLEANROOM CLEANING SYSTEM WITH DOSING UNIT

- 1 stainless steel bucket 18 l with mop carrier (front | for new mops)
- 1 stainless steel bucket 18 l with mop wetting device (center | for fluid)
- 1 stainless steel bucket 18 l (rear | for mop discarding)
- 2 stainless steel buckets each 5 l (above | for storage)
- Stainless steel discarding mechanism
- Handle holder (side) and waste bag holder (rear)
- Dimensions (L x W x H)*: 65 x 70 x 102 cm
- Weight: 27 kg

Item no. 2123022

Optimal for | GMP A/B



2.0 ERGO 230
CLEANROOM CLEANING SYSTEM WITH DOSING UNIT

- 1 plastic bucket 18 l with mop carrier (front | for new mops)
- 1 plastic bucket 18 l with mop wetting device (center | for fluid)
- 1 plastic bucket 18 l (rear | for mop discarding)
- 2 plastic buckets each 6 l (above | for storage)
- Stainless steel discarding mechanism
- Handle holder (side) and waste bag holder (rear)
- Dimensions (L x W x H)*: 65 x 70 x 105 cm
- Weight: 18 kg

Item no. 2123016

Optimal for | GMP C+D

*assembled sizes

PurMop® Handles & Frames

Smooth and polished stainless steel surfaces ensure GMP conformity and long-term resistance against steam sterilization. The PurMop® plastic accessories are distinguished by their low weight and excellent user ergonomics. With its simple, largely touchless handling, special clip system and full modularity, the PurMop® cleaning accessories set standards in cleanroom cleaning.

PurMop®

MOP HANDLES

Stainless Steel | Plastic



SEP140
FIXED HANDLE

STAINLESS STEEL

- Autoclavable, suitable for sterile cleanrooms
- Handle grip for ergonomic cleaning
- Quick-change system
- Length: 142 cm (fixed)

Item no. 2131003

Optimal for: GMP A/B

SET2070
TELESCOPIC HANDLE
MEDIUM LENGTH
STAINLESS STEEL

- Autoclavable, suitable for sterile cleanrooms
- Handle grip for ergonomic cleaning
- Quick-change system
- Length: 77 cm - 145 cm (adjustable)

Item no. 2131006

Optimal for: GMP A/B

SET2100
TELESCOPIC HANDLE
LONG
STAINLESS STEEL

- Autoclavable, suitable for sterile cleanrooms
- Handle grip for ergonomic cleaning
- Quick-change system
- Length: 107 cm - 205 cm (adjustable)

Item no. 2131005

Optimal for: GMP A/B

SAK170
TELESCOPIC HANDLE
MEDIUM LENGTH
PLASTIC

- Quick-change system
- Easy length adjustment at the push of a button
- Disinfectant resistant
- Length: 115 cm - 173 cm

Item no. 2131007

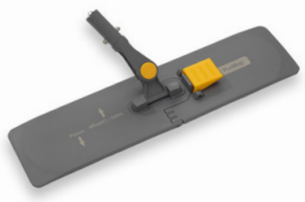
Optimal for: GMP C+D

PurMop®

MOP FRAMES

Stainless Steel |Plastic





KEK40
FOLDABLE MOP FRAME | STAINLESS STEEL

- Autoclavable, suitable for sterile cleanrooms
- Quick-change system
- Can be fixed for ceiling or wall cleaning
- Compatible with: PurMop® 40 cm mops
- Compatible with PurMop® stainless steel handles

Item no. 2151008

→ KEK40 Light | p. 12

Optimal for: GMP A/B

KKV40
FOLDABLE MOP FRAME | PLASTIC

- Quick-change system
- Disinfectant resistant
- Smooth, easy to clean plastic
- Lockable for wall and ceiling cleaning
- Compatible with: PurMop® 40 cm mops
- Compatible with handle SAK170

Item no. 2151005

Optimal for: GMP C+D

PurMop® Cleanroom Mops

The mop head is the centerpiece of every cleanroom mopping system. Its task is to effectively remove surface contamination as well as to evenly distribute disinfectant solution. Cleanroom mops should be easy to handle, clean and safe at every usage, while still being cost-effective. PurMop® disposable mops combine these features perfectly.

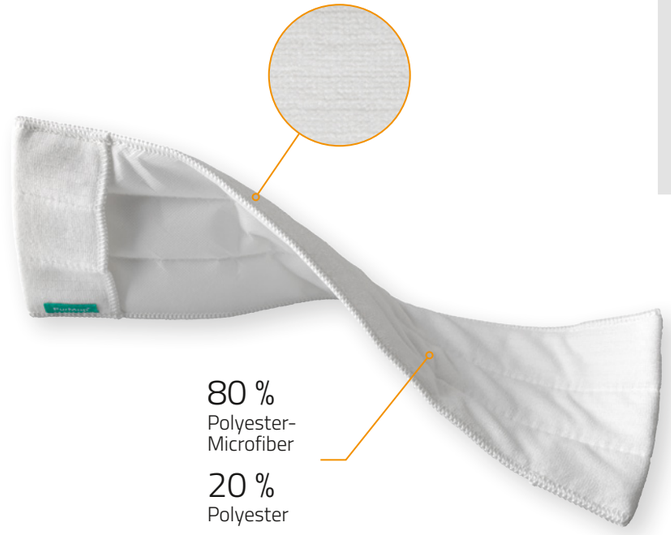
PurMop®

EF 40

Disposable Cleanroom Mop

Polyester-Microfiber

- 3D cleaning material for good particle pick-up
- Exceptional cleaning performance due to high-tech microfiber
- High area performance due to special fluid reservoir
- Good gliding and handling properties on most flooring types



EF40

- Size: 40 cm
- Packing:
  5 mops / pack
  20 packs / carton
  [100 mops]

Item no. 2111108

Optimal for: GMP C+D

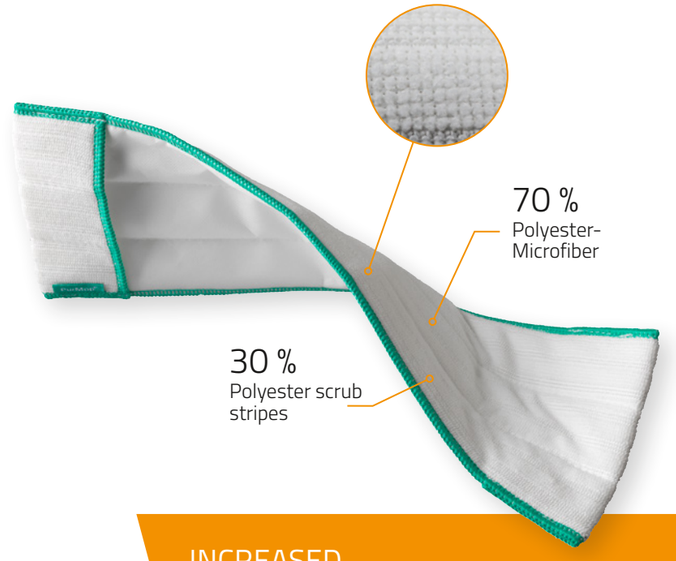
PurMop®

EFB 40

Disposable Cleanroom Mop

Polyester-Microfiber +
Scrub Stripes

- 3D cleaning material for good particle pick-up
- Polyester scrub stripes for removal of residues
- High-tech microfiber for retention of particles
- Superior gliding and handling properties



EFB40

- Size: 40 cm
- Packing:
  5 mops / pack
  20 packs / carton
  [100 mops]

Item no. 2111117

Optimal for: GMP C+D

INCREASED CLEANING ABILITY



SURFACES

In the cleanroom, only wipes that are specially designed for this application and do not themselves become a source of contamination (particulate or microbial) should be used. The intended use (cleaning or absorption) is decisive for the choice of the optimum wipe. In the case of cleaning and disinfection, presaturated wipes have major handling advantages over dry wipes: Time and effort savings, avoidance of spray mist, higher efficiency, and correct impregnation.

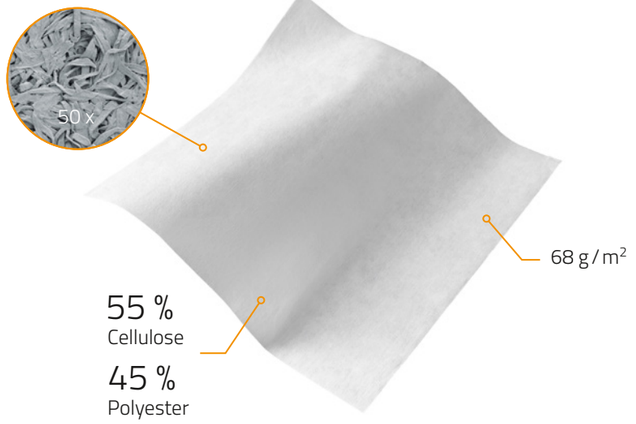
INNOVATION
_ The most powerful of its class

PurWipe® Nonwoven Wipes | N-Series

PurWipe® N-Series cleanroom wipes consist of bonded nonwoven materials and are suitable for a wide range of applications – from disinfection to surface cleaning. They are designed to be used in cleanrooms with lower classification and non-sterile areas.

PurWipe®
N1
Cleanroom Wipe
Polyester-Cellulose Nonwoven

_ High quality, hydroentangled nonwoven material
_ Highly absorbent material
_ Perfect for disinfection of smooth surfaces and liquid absorption
_ Suited for general cleaning tasks
_ Recommended for general cleaning tasks in lower certified cleanrooms



N1-109
_ Size: 23 x 23 cm | 9 x 9"
_ Edges: Cut
_ Packing:
300 wipes / pack
10 packs / carton
[3.000 wipes]

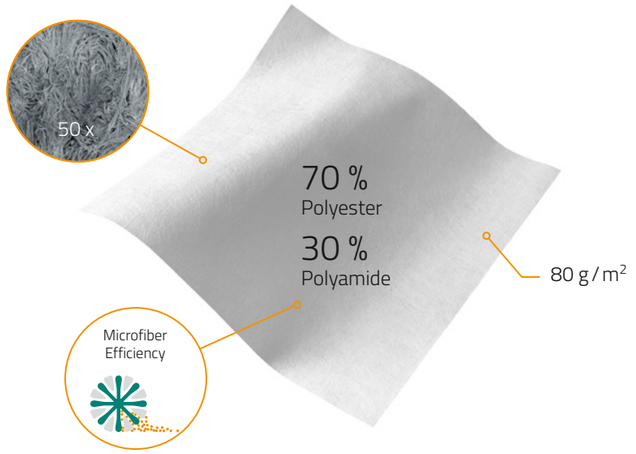
Item no. 2183100
Optimal for GMP D

N1-112
_ Size: 30 x 30 cm | 12 x 12"
_ Edges: Cut
_ Packing:
300 wipes / pack
10 packs / carton
[3.000 wipes]

Item no. 2183102
Optimal for GMP D

PurWipe®
N2
Cleanroom Wipe
Polyester-Polyamide-Microfiber Knit

_ Highly durable and tear resistant material
_ 100 % synthetic microfiber nonwoven material (cellulose free)
_ High absorbency and high cleaning ability
_ Enormously tear-resistant, therefore particularly suitable on stainless steel and sharp-edged objects
_ Optimal removal of particles and impurities on surfaces of any kind



N2-109
_ Size: 23 x 23 cm | 9 x 9"
_ Edges: Cut
_ Packing:
100 wipes / pack
20 packs / carton
[2.000 wipes]

Item no. 2183500
Optimal for GMP C+D

N2-112
_ Size: 30 x 30 cm | 12 x 12"
_ Edges: Cut
_ Packing:
100 wipes / pack
20 packs / carton
[2.000 wipes]

Item no. 2183502
Optimal for GMP C+D

PurWipe® Presaturated Wipes | V-Series

With our presaturated wipes of the PurWipe® V-Series, we have developed a solution which is ready-to-use from the first wipe. There is no need to use a separate detergent or disinfectant. Safely packed in a resealable pouch, the wipes can be removed individually and used immediately. V-Series wipes eliminate the aerosol concentration caused by spraying of alcohols, the risk of incorrect dosing and time-consuming handling.

PurWipe®

V3

Presaturated
Cleanroom Wipe

Polyester-Polyamide-
Microfiber Nonwoven



- Ready to use: Presaturated in a resealed bag
- Exceptional high tear-resistant
- 100 % synthetic material (cellulose free)
- Highest cleaning ability through microfiber
- Particularly good particle absorption
- Individually removable at any time

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

More information on material | p. 23

V3-109 II

- Presaturated with Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 23 x 23 cm | 9 x 9"
- Edges: Cut

- Packing: 30 wipes / bag 5 bags / pack 4 packs / carton [600 wipes]

Item no. 2186200

Optimal for	GMP C+D

V3-112 II

- Presaturated with Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %
- Size: 30 x 30 cm | 12 x 12"
- Edges: Cut

- Packing: 30 wipes / bag 5 bags / pack 4 packs / carton [600 wipes]

Item no. 2186202

Optimal for	GMP C+D

FAQ

Questions and Answers –
more facts to know

PurMop® ERGO

1. What is special about the ERGO cleaning system?

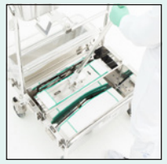
PurMop® ERGO enables a completely touch-free handling of the cleaning trolley in just 3 steps:

1



MOP PICK UP
The mop carrier enables a fresh mop to be picked up without hand contact.

2



DOSING
A defined amount of liquid is applied to the mop and distributed evenly within a few seconds.



WIPING
Cleaning or disinfecting the surface (floor / wall / ceiling).
PurMop® cleanroom mops ensure a sufficient and even fluid distribution for optimal cleaning and disinfection.

3



MOP DISCARD
The intelligent discarding mechanism enables a touchless discarding of the used mops (either at the front or rear of the trolley).

At no time the operator does have any manual contact with fresh or used mops or the mop holder. In addition, all steps are carried out in a standing position, which meets ergonomic requirements.

PurMop® 2.0 ERGO-S User Video:
www.youtube.com/HydroflexEN

2. What's the difference between a press system and ERGO?

With a press system, the impregnation of the mop is strongly user-dependent and therefore cannot be validated. With the ERGO system, the mop is impregnated by means of a dosing unit and the water plate with a defined and constant quantity of liquid.

3. Why can I save disinfectant agent with the ERGO system?

Press system (two / three buckets system):
The Mop is completely soaked, after which up to 50 % of the liquid is squeezed out and disposed unused.

Pre-Preparation and Box systems:
Mops are highly saturated, with a high residual liquid remaining in the mop after use. In addition, it is almost impossible to ensure an even distribution of the liquid between all mops in the box.

With the **ERGO cleaning system**, the mop only takes up the necessary liquid that is need for cleaning or disinfection.

PurWipe® V4

1. What is special about the PurWipe® V4 manufacturing process?

The V4 is manufactured under cleanroom conditions from the very first production step and prewashed several times with 0.1 µm filtered water. It is then dried in ISO 5 and extensively tested before further processing. Before sterilization, if necessary, it is then impregnated with Isopropanol 65 % / Ethanol 5 % / Pharma water 30 %. This makes the V4 the perfect solution for the most stringent requirements in GMP A/B areas.

2. Is the wipe conforming to BPR?

The liquid Isopropanol 65 % / Ethanol 5 % / Pharma water 30 % is registered according to the current national regulation. It is a BAuA approval.

3. For which cleanroom classes is the wipe suitable?

We recommend the usage in GMP classes A/B. In these critical areas no compromises should be made regarding the quality and the purity of the wipe.

PurMop® EF40-SV II

1. What are the advantages of the presaturated mops?

PurMop® EF40-SV II is presaturated and ready to use. There is no need for a trolley system for presaturation. Furthermore, every mop is presaturated with the correct amount of liquid. Therefore, the usage of the ready to use mops is time saving and enables an easy and validatable process. The EF40-SV II convinces with his high cleaning ability and reliable disinfection.

2. Are presaturated mops more expensive than the dry ones?

The overall costs are at the same level if you compare the real costs for sterile mops and sterile (ready to use) disinfectant. Additionally, you save working time and more (manual saturation, preparation, and cleaning of the trolleys).

3. For which areas is the EF40-SV II recommend for?

In particular we recommend the mop for daily routine in sterile class B areas and for cleaning and disinfection of, f. e. locks in-between.

4. Are the mops conform to BPR?

The liquid Isopropanol 65 % / Ethanol 5 % / Pharma water 30 % is registered according to the current national regulation. It is a BAuA approval.

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