

vileda[®]
PROFESSIONAL



CE Mopping Innovation Systems

Achieve a next level clean
for your facility.

**NEXT
LEVEL
CLEAN**

a brand of
 **FREUDENBERG**

The essence of
70 years forward
thinking:

NEXT LEVEL CLEAN

Everything we do grows from a constant dialogue with our customers. This made us a world leader in innovative cleaning solutions for controlled environments. We provide a complete contamination control concept including planning, trial programs, training and after sales care.

We believe in making people work smarter, not harder. That is why we focus on ergonomics, performance and design at every stage of the R&D phase, while using unique and patented technologies. All that to help you realise a higher standard, a **NEXT LEVEL CLEAN**, sustainably!



Less downtime, more production

The less time required to clean and maintain your cleanroom areas, the less manufacturing downtime you have in your core business. Production downtime has a detrimental impact on your facility affecting various aspects such as finances, reputation and customer satisfaction. There are some business-critical issues that can arise if a rigid and robust contamination control program is not in place across your controlled environments.



FINANCIAL LOSS

One of the most immediate and tangible impacts of production downtime is financial loss. When production stops, revenue generation ceases while expenses may continue to accrue, such as labour costs, utility costs and equipment maintenance.



MISSED DEADLINES AND CONTRACTS

Downtime can lead to missed deadlines for fulfilling orders or meeting contractual obligations with customers. This can result in penalties, contract cancellations, or damage to long-term business relationships.



REDUCED PRODUCTIVITY

Even after production resumes, it may take time for operations to return to normal levels, leading to reduced productivity in the short term. This can affect overall output and efficiency KPI's.



QUALITY CONTROL ISSUES

Rushed production schedules following downtime may compromise quality control measures, leading to defects, rework, or product recalls. This can damage a company's reputation and incur additional costs.



REGULATORY COMPLIANCE ISSUES

Depending on the industry, production downtime may lead to non-compliance with regulatory standards or contractual obligations related to health, safety, and environmental practices. This can result in fines, legal actions, or damage to a company's reputation.



COMPETITIVE DISADVANTAGE

In industries with fierce competition, prolonged production downtime can put the business at a significant disadvantage compared to competitors who can maintain consistent operations. This may result in loss of market share and new commercial opportunities.

Effective mechanical cleaning for cleanroom floors, walls & ceilings

Nothing beats Vileda Professional CE microfibre technology, we are pioneers in this material. When it comes to mechanical cleaning performance and contamination control, our microfibre and more recently developed micronfibre systems could be performance gamechangers for your facility.

Microfibre mopping is a crucial component of cleaning protocols in cleanrooms and controlled environments. These specialized environments, commonly found in industries such as pharmaceuticals, medical device manufacturing, electronics manufacturing and cell and gene therapy require stringent cleanliness standards to maintain product and service quality, remove and prevent contamination build up, and ensure the safety of personnel.

Microfibre mopping plays a critical role in maintaining high contamination control standards required in cleanrooms and controlled environments. Its unique ability to capture small particulates and reduce cross-contamination risks makes it an indispensable tool for ensuring the integrity of products, processes, and research conducted in these specialized environments.



HIGHER STANDARDS OF CLEANING EFFICIENCY

- Microfibre mops are designed with ultra-fine fibres, typically thinner than a human hair. This composition allows them to capture and remove smaller particles, including dust, bacteria, and viruses more effectively than traditional mops.
- The high cleaning efficacy of microfibre mops helps in reducing the risk of particle contamination in cleanrooms where even microscopic particles can have a significant impact on product quality.

REDUCES CROSS-CONTAMINATION RISKS

- Microfibre mops have unrivalled dust and particle retention properties. Unlike traditional cotton, non-woven or mono-material mops that may spread contaminants, microfibre mops trap and hold particles away from the surface cleaned, reducing the likelihood of cross-contamination.
- Microfibre materials are also low linting, which is crucial in environments where airborne particles must be kept to a minimum.

UNIQUE ADDED VALUE PROPERTIES

- Microfibre mops have a high absorbency capacity due to capillary action. This unique property allows large volumes of liquid to be efficiently absorbed and retained. This is essential in cleanrooms where spills need to be quickly and thoroughly removed to prevent potential chemical reactions, microbial growth, or damage to sensitive equipment.
- Microfibre mops contribute to faster drying times meaning closed areas for cleaning are back in use quickly. Quick drying times also minimizing the risk of microbial proliferation in wet/damp areas.

COMPATIBILITY WITH CLEANING AGENTS

- Microfibre is compatible with a variety of cleaning agents, including disinfectants and detergents. This flexibility allows cleanroom operators to use appropriate cleaning solutions without compromising the performance of the mop in use.
- Some microfibre mops are designed to be laundered and reused, providing a cost-effective and environmentally friendly solution compared to single-use alternatives.

SPECIALIST USAGE

- In certain controlled environments, static electricity can pose a significant risk. Microfibre mops are engineered to dissipate static charges, helping to prevent electrostatic discharge that could damage sensitive electronic components or equipment.

ERGONOMIC & INTUITIVE DESIGN

- Microfibre mops are lightweight and easy to manoeuvre, making them ergonomic for cleaning technicians. The design of these mops allows for efficient coverage of large areas than conventional mops, ensuring that the entire cleanroom floor is effectively cleaned in one pass.

DOES...

... GMP Annex1 regulation revision present new SOP's challenges with regards to contamination control in your facility?

NEED...

... high level mechanical cleaning performance and robust contamination control processes? These are key to profitable production of pharmaceuticals, medical devices and micro-electronics.

SUFFERING...

... from insufficient or careless cleaning of critical surfaces, precision instruments and machinery? Daily maintenance is business critical to eliminate downtime at your facility.

ULTIMATELY...

... want to maximise and improve your contamination control practices and protocols?

Designed for the future with a sustainable value mindset

Microfibre is a synthetic material made from finely woven synthetic fibres, typically polyester or a blend of polyester and polyamide (nylon).

The fibres are incredibly fine, often with a diameter less than one denier (a unit of measurement for the linear density of fibres). These ultra-fine fibres are what give microfibre its unique properties and contribute to its sustainability added value in various ways.



RESOURCE EFFICIENCY

The production of microfibre requires fewer raw materials compared to traditional textiles. Microfibres unique composition results in a lighter-weight fabric, which means less material is needed to achieve better cleaning coverage or functionality than traditional and standard fabrics.



REUSABLE AND WASHABLE

Microfibre products such as cleaning mop pads, are designed to be reusable and washable. This reduces the need for disposable alternatives and contributes to waste reduction. Reusability and durability are key factors in the sustainability value benefit of microfibre products.



ENERGY EFFICIENCY

The manufacturing process for microfibre requires less energy compared to the production of some natural fibres. Additionally, the durability and longevity of microfibre products mean fewer resources are expended on replacement production, leading to overall energy savings throughout the product lifecycle. All Vileda Professional CE microfibre products are manufactured with a footprint/handprint mindset.



DURABILITY AND LONGEVITY

Microfibre products are renowned for their durability and longevity. They can withstand frequent use, handwashing or laundering without losing their effectiveness. This durability contributes to a longer product lifespan, reducing the need for frequent replacements and lowering overall resource consumption.



WATER AND CHEMICAL SAVINGS

Microfibre has exceptional absorbency properties, allowing it to absorb and hold a significant amount of water or cleaning solutions. This characteristic reduces the need for excessive water and cleaning chemicals during use, promoting more sustainable cleaning practices. Less water usage is beneficial for both the environment and cost savings.



VERSATILITY AND EFFICIENCY IN CLEANING

Microfibre's effectiveness in capturing and trapping particles makes it an efficient and efficacious cleaning material. These unique properties can lead to reduced reliance on cleaning chemicals, contributing to a healthier indoor environment. Additionally, the effectiveness of microfibre in capturing and holding particles reduces the need for repeated cleaning, saving time and resources.

Mopping up your Corporate Social Responsibility objectives

In the cleanroom and controlled environment industry, Corporate Social Responsibility (CSR) is crucial for ensuring that operations are not only profitable but also sustainable and ethical. Key Performance Indicators for CSR in this industry are designed to measure and manage the impact of the company's operations on the environment, society, and the economy.

Here are some of the biggest KPIs for CSR in the cleanroom and controlled environment industry, and how using our systems and solutions we can help you achieve them.



ENVIRONMENTAL KPIs

⚡ ENERGY CONSUMPTION

Measurement: Total energy consumption (in kWh) per year.

Importance: Cleanrooms often require significant energy for maintaining controlled environments. Reducing energy consumption by implementing innovative cleaning systems can lower carbon footprints and operational costs over time.

💧 WATER USAGE

Measurement: Total water usage (in liters) per year.

Importance: Efficient water usage is critical in minimizing environmental impact, especially in processes requiring large volumes of water. Vileda Professional CE pre-prepared mopping systems can help you drastically reduce your utilities spend over time.

🗑️ WASTE MANAGEMENT

Measurement: Amount of hazardous and non-hazardous waste generated (in tons) per year, and the percentage of waste recycled.

Importance: Lowering your annual tonnage waste volume will have a positive impact on your opportunity costs. The less waste you produce, the less waste processing costs you are charged by your waste processing partner.

ECONOMIC KPIs

🌱 SUSTAINABLE PROCUREMENT

Measurement: Percentage of current suppliers meeting sustainability criteria and spend on sustainable products.

Importance: Sustainable procurement practices ensure your company supports environmentally and socially responsible supply chains. Our cleaning systems and solutions are designed with sustainable values in mind.

🤝 COMPLIANCE AND ETHICAL CONDUCT

Measurement: Number of compliance breaches.

Importance: Upholding high standards of ethical conduct and compliance is essential for maintaining stakeholder trust and avoiding legal penalties. Our cleaning systems and solutions are implemented with strict SOP's. These processes developed by our R&D teams help you maintain a high level of cleaning efficacy, each and every time you clean.

SOCIAL KPIs

⊕ EMPLOYEE HEALTH AND SAFETY

Measurement: Number of work-related injuries and illnesses per 100 employees, safety training hours per employee, and near-miss incidents reported.

Importance: Ensuring a safe working environment is crucial to protect employees' well-being and maintain high productivity levels. Cleaning your controlled environment to a constantly high standard is of paramount importance. All our systems and solutions are specifically designed for cleanrooms with ergonomics and user functionality top of mind in their development process.

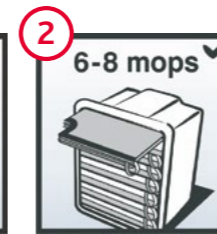
LET'S TALK ABOUT HOW WE CAN HELP YOU HIT YOUR KPI'S.



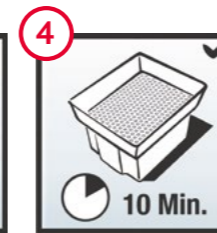
The most efficient, effective mopping system invented by Vileda Professional

- ✓ **DOSE** the relevant cleaning chemical / solution: Do this according to the manufacturer's instructions
- ✓ **SEAL** the mop box: Once fully dosed, this is to prevent evaporation and cross-contamination
- ✓ **POUR** the solution evenly over the mops using a sieve: Your mops should already be in a pre-preparation mop box container
- ✓ **WAIT** the recommended dosage time / guidelines: This allows the pre-dosed mops to be fully impregnated before use

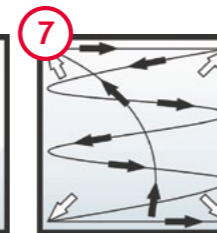
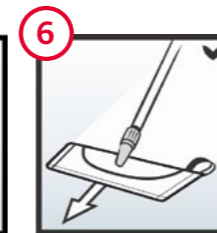
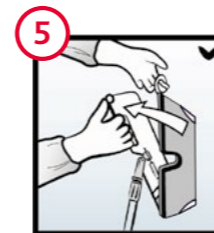
Mop preparation, easy as 1, 2, 3



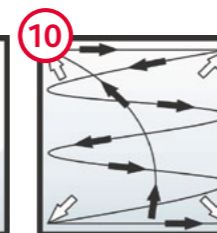
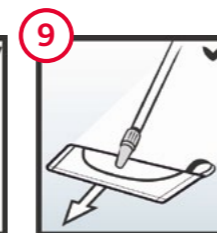
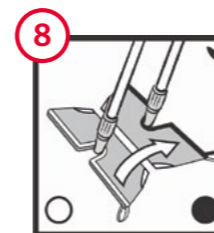
Mops are placed in a pre-box and pre-dosed with water and chemicals.



Mops are left in pre-box for 5-10 minutes to absorb the cleaning or disinfectant solution and then placed on the trolley.



When the operator enters the room / area to be cleaned, a clean mop is taken from the pre-box and placed onto the frame. Directly after, cleaning of the ceiling / wall / floor begins.



A clean mop is then taken from the pre-box to continue mopping or for use in the next room / area.



Once the room / area (max. 20m²) has been cleaned the mop is removed from the frame and placed into a washnet / box for laundering (internal or external).

Time to get your cleanroom prepared, pre-prepared

VILED A PROFESSIONAL PRE- PREPARATION METHOD

All cleanroom areas have varying requirements and with best-in-class cleaning methods we can guarantee you a perfect result.

The 'pre-preparation' method developed by Vileda Professional is well tested and validated. It has been used for many years by some of the biggest players in the pharmaceutical manufacturing industry around the globe.

The pre-preparation method allows mops to remove contamination dosed with the exact amount of disinfectants. No mess, no waste, no fuss.

PREPARE YOUR MOPS & GET A PERFECT RESULT

Preparing and pre-dosing of the required number of mops before starting to clean will ensure your mops are pre-moistened to an optimum level and ready to use. Pre-dosed mops offer huge advantages;

- ✓ No dipping
- ✓ No dripping
- ✓ No rinsing or pressing
- ✓ No wasting of water or disinfectant

The intuitive operation allows the cleaning operative to simply replace the mop without touching once used and continue cleaning or disinfecting.

CONTINUOUS TRAINING – A PART OF OUR OFFER

On site training and tailor-made education is part of our full concept offer, allowing you to deliver a next level clean for your facility.

This process is designed with your Q&A and cleaning staff in mind. The unique pre-preparation method developed by Vileda Professional offers a safe and environmentally friendly dosing method for your facility.

One mopping system, facility wide

Our unique **CE Duo CleanTech™** system is the perfect answer to meet the high demands for effective cleaning and disinfection demanded by cleanrooms and controlled environments. Our pre-prepared system is faster, easier, and twice as efficient as traditional methods and will deliver your facility a Next Level Clean.



With our CE Duo CleanTech™ flat mopping system you can achieve market leading performance, and higher classification of cleaning efficiency with minimal downtime. Designed for fast, efficacious mechanical cleaning this system is perfect for demanding and time critical cleanups in your facility.

Our CE Duo CleanTech™ system allows you to achieve your disinfectant contact time requirements, and still achieve unrivalled cleaning performance with up to 99.99 % bacteria removal*.

Quite simply – the CE Duo CleanTech™ and SanTech™ mopping systems offer the most efficient, reliable and effective mechanical floor cleaning concept on the market for ultimate contamination control.

The unique and patented composition of our CE Duo CleanTech™ removes and just as important 'holds' particulates away from the cleaned surface within the microfibre network.

Once the pad is used simply place the dirty mop in your waste bag and dispose of in line with your waste management practices and protocols. Single use mopping systems offer you total contamination control for complete peace of mind.

* Validated by external institute BMA

Pre-prepared benefits, and the convenience of single use

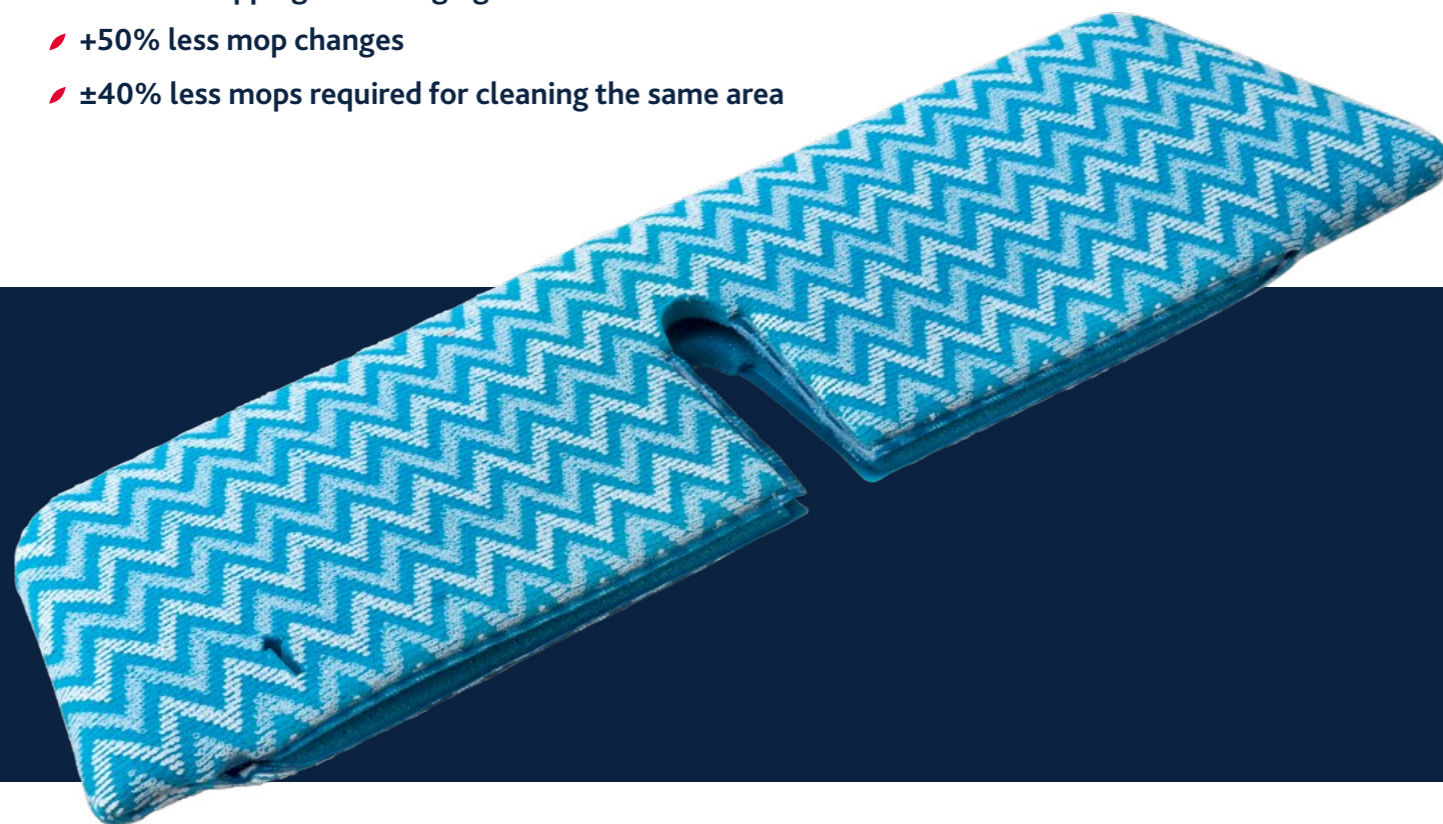
We are proud to help the CE Industry achieve a Next Level Clean for many years. Vileda Professional has been a leading player in the cleanroom contamination control business for over 70 years. This is demonstrated by our satisfied customers*.

We are partners with some of the largest pharmaceutical and biotech companies around the globe. Because we understand implicitly the stringent regulations our customers are governed by, our products and systems meet business standards and practices such as ISO 14644-5, IEST RP CC018 and life science GMPs. With more than 60 engineers and scientists constantly developing business-leading solutions we know what you need – you can count on that.

Unbeatable system performance benefits and ergonomic design come as standard. The CE Duo CleanTech™ system unlocks twice as much sq mtr mopping power than conventional mopping products by using the same mop pad.

Change your mop by simply flipping the frame over and using the extra side delivering huge added value benefits versus strip and single sided mops:

- ✓ 100% more floor coverage
- ✓ 50% less dipping and wringing into the bucket
- ✓ +50% less mop changes
- ✓ ±40% less mops required for cleaning the same area

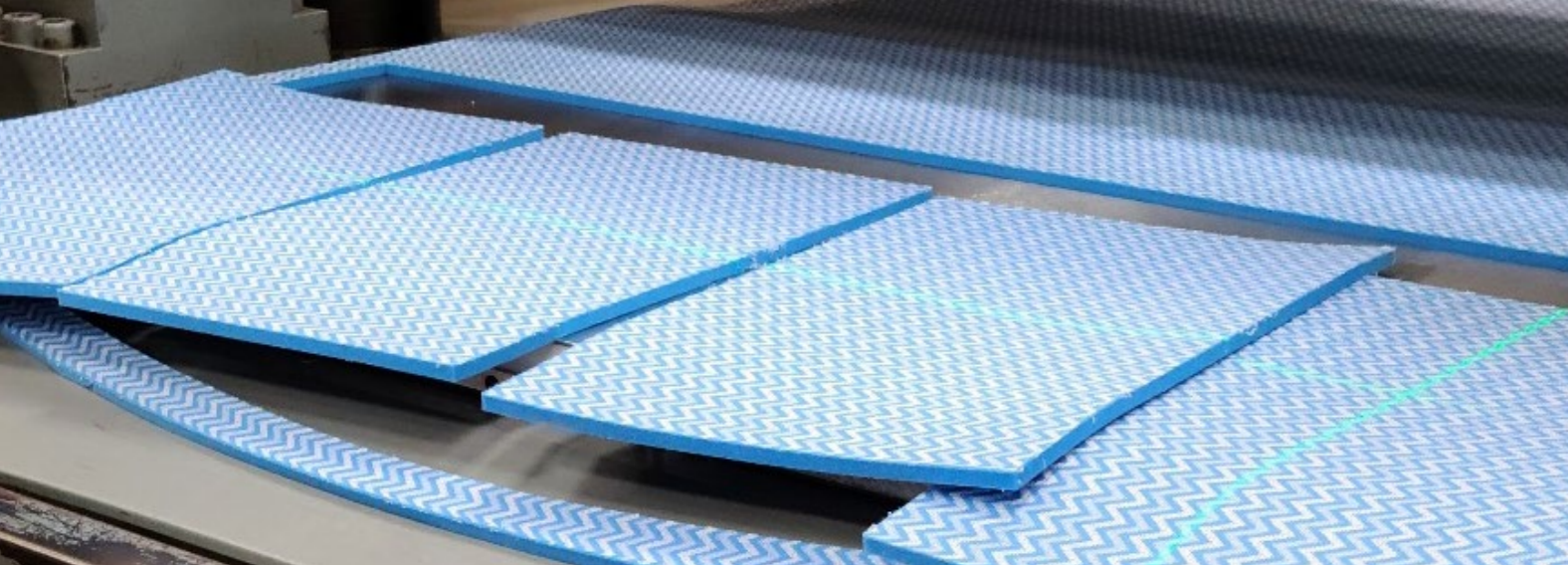


*Testimonials available on request



CE Duo™ CleanTech™ System

- Microfibre laminated cleanroom foam for cleaning/disinfecting floors, walls and ceilings
- Unrivalled mechanical cleaning efficacy with results that has been independently tested, certified and validated
- Designed for use in cleanroom class ISO 5/GMP A+B/FED209D Class 100
- Available in sterile version. Validated per ISO 11137 to 10-6 SAL'



Quality control

Our CE Duo™ Cleantech™ system base material is manufactured in a state-of-the-art certified production facility according to ISO 9001, 14001, 45001, & 50001 standards.

Quality is at the core of our manufacturing process. We implement rigorous quality control measures at every stage, from material selection to final inspection.

Our quality assurance team utilizes advanced metrology equipment, including coordinate measuring machines (CMMs) and laser scanners, to verify that all components meet our exacting standards.

We adhere to ISO 9001 quality management systems, ensuring consistent quality across all our products.



Manufacturing process

Proprietary manufacturing process which produces a patented set of performance attributes that deliver superior absorbency, laydown/coverage, and particle removal specifically designed for controlled environment requirements.

Designed for pharmaceutical manufacturing, CE Duo™ exhibits superior liquid dispersion facilitating optimal disinfectant laydown, ensuring a uniform application that maximizes surface contact and microbial neutralization rates.

The intricate microfibre pattern is engineered for particle pick-up, capturing, and retaining particles to meet stringent cleaning standards. This combination of absorbency, disinfectant distribution, and particle pick-up makes CE Duo™ compliant with pharmaceutical manufacturing cleaning standards, ensuring an environment essential for product integrity.

Cleanroom manufacturing and packaging compliant with sterile use conditions. The manufacturing and packaging environment for CE Duo™ adheres to sterile use conditions. Internal controls are in place ensuring the mop is free from contaminants.



Post-manufacturing, each mop is individually packaged in a controlled space with low-level environmental pollutants such as dust, airborne microbes, aerosol particles and chemical vapors. This advanced-level critical packaging step ensures that CE Duo™ remains uncontaminated until point-of-use. Available in a variety of product configurations (sterile, non-sterile, single and six-pack) to suit specific end-user needs.

Our solutions-oriented system approach guides you to the most effective and efficient CE Duo™ mop configuration based on your specific needs. Let our contamination control experts help find the best option and take your facility to a Next Level Clean.



- ISO 9001 manufacturing process resulting in a proven track record of successful pharmaceutical end-user audits.
- Full technical data package available documenting and certifying particle shedding (Helmke Drum Category 1), and cleaning efficacy (3rd party 4-log reduction qualification) and validated sterile processing and batch-lot validation compliance.
- Full trial and ongoing training support available pre and post implementation in your facility.



Validated cleaning performance, versatile usage applications

Need the cleaning efficacy and cost-in-use benefits of a durable mop, with the added convenience of single use, then look no further.

CE MicroIntensive Duo innovation in double-sided mopping is perfect for those looking to simplify and speed-up the cleaning process, while reducing the risk of cross-contamination.

Unbeatable performance delivered by MicroIntensive Duo, our validated and approved microfibre cleaning material, is now available double-sided as well as in a gamma-irradiated version designed to meet the CE requirements up to ISO 4-9/GMP A/B, C, D.

MicroIntensive™ Duo is a viable alternative for those preferring not to launder mops due to hazardous ingredients (e.g. API's) that are often too dangerous to handle. Versatile usage benefits suitable for floor, wall and ceiling mopping allow your facility to standardise your cleaning operation. This allows you to mitigate cross-contamination risks with the 'one and gone' cleaning process.

✓ DELIVERED ADDED VALUE BENEFITS

- Independently validated and certified by external testing bodies
- 4-layer material construction, polyester/microfibre embossed cleaning sides and conveniently pre-laundered for single use
- Gamma and autoclave compatible
- Extremely low particle shedding
- Stitched side indicator corner drainage openings for a cleaner rinse
- Finger loop for touchless on/off pad
- Competitive advantages vs. 40cm break frame single sided pocket mops:
 - 20% more coverage per stroke / cost-in-use savings
 - Twice the sq. mtr area coverage than single sided options

💡 UNIQUE DESIGN FEATURES

- 4-layer construction, cleaning sides are a 100% polyester/microfibre blend, knitted and embossed
- Low shedding fabric
- Two core layers are highly absorbent utilizing 100% spunlace needle punched polyester
- Laundered version - single bagged and lot number coded
- Gamma Irradiated version - laundered, gamma irradiated, double bagged, lot number coded with expiration date
- High liquid retention and laydown properties
- Ideal for bucket and pre-prepared cleaning methods



Contamination controlled, at a micron level

CE MicroControl is a durable, reusable mop developed and manufactured to ensure continuous cleaning performance at a 'micron' level.

CE MicroControl is the perfect all-rounder, designed for cleaning floors, walls and ceilings.

- 100% microfibre mop ensures that contaminations are not only removed from the cleaned surface but also captured in its unique fibre network, ensuring a highly efficacious cleaning performance with little effort.
- Innovative cleaning lip enables easy and effective cleaning of skirting boards during floor cleaning.
- Multi-layer composition with inner felt layer, guarantees high absorbency and strong heat welded backing results in compatibility for all sterilisation methods.
- Suitable sterilization methods, autoclave and irradiation.
- High durability and chemical resistance.
- Up to 200 washing cycles or 50 decontamination cycles (including sterilisation).



Based on the pre-prepared method MicroControl mops are ideal for industries with their own laundry facilities.

The pre-prepared system allows the user to reduce overall cleaning costs, plus it saves time during both cleaning and preparation.



Double sided, durable micronfibre pre-prepared system

CE MicronSweep® offers a family of reusable, time-saving, ergonomic cleaning systems designed to minimise traffic and chemicals in cleanrooms. All CE MicronSweep® systems are developed to operate in ISO 4/5, a fully validated cleaning concept.

- Minimise inconsistent cleaning, biofilm build up and unnecessary turbulence of particles created by the cleaning regime. By using the MicronSweep® one step cleaning concept you are using a system specifically designed to clean cleanrooms effectively.
- MicronSweep® mops can be pre-prepared by the operator in a systematic process before entering the cleanroom to avoid excess water entering your environment. Ergonomic and lightweight in design these systems ensure consistent and efficacious cleaning, even on walls and ceilings.
- No need to repeat floors twice, this concept is designed to clean and dry the floor in one pass. Contamination is virtually eradicated and of course cost and efficiency savings can be realized.

In a service set-up with our laundry partners, we provide an automated and consistent laundry process including sterilization.

Its so easy! We collect, clean and deliver the sanitized mops and wipes to suit your needs in a systematic process and provide full validation documentation. Embedded UHF microchips give you full traceability and control of the number of mops and wipes in circulation. Another critical benefit is visibility, ensuring cleanroom operators are cleaning correctly.



Single Use Systems

CLEANTECH™ DUO



- Microfibre cleanroom foam for cleaning/disinfecting floors, walls and ceilings
- Adhesive-free lamination techniques used to prevent additional contamination to your products
- Excellent microfibre cleaning results have been independently proven bacteria reduction of 99.99%
- Suitable for bucket and pre-prepared method
- Manufactured and sterilized in the USA - Sterile
- Validated to 10-6 SAL per ISO 11137 - Sterile
- Individually double bagged with Lot # and Indicator Dot on each package - Sterile
- Certificate of Sterility available upon request with each shipment - Sterile



TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
141886	141888	CleanTech™ Duo	50	50 x 1 pc	5
147544	147549	CleanTech™ Duo (sterile)	50	45 x 1 pc	5
172474	172475	CleanTech™ Duo 6 pack	50	8 x 6 pcs	5
169581	169582	CleanTech™ Duo 6 pack (sterile)	50	8 x 6 pcs	5

SANTECH™ DUO



- Polyester cleanroom foam for disinfecting floors, walls and ceilings
- Adhesive-free lamination techniques used to prevent additional contamination to your products
- High liquid absorbency properties
- Suitable for bucket and pre-prepared method
- Manufactured and sterilized in the USA - Sterile
- Validated to 10-6 SAL per ISO 11137 - Sterile
- Individually double bagged with Lot # and Indicator Dot on each package - Sterile
- Certificate of Sterility available upon request with each shipment - Sterile



TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
141887	141889	SanTech™ Duo Mop	50	50 x 1 pc	5
147545	147570	SanTech™ Duo Mop (sterile)	50	45 x 1 pc	5

CE MICROINTENSIVE DUO



- Single use mopping system
- Low particle shedding properties
- High chemical resistance against most disinfectant categories
- Microfibre cleaning for highly efficacious removal of contamination at a micron level
- Low friction with ergonomic cleaning top of mind
- High mechanical cleaning residue removal properties
- Cleanroom laundered, single packaged in laminated bags under controlled CE packing conditions
- Gamma-Irradiation Lot Coding, Expiration dates and Indicator Dot on each package (MicroIntensive G Duo)



TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
166813	166814	CE MicroIntensive L Duo	50	25 x 1 pc	5
166815	166816	CE MicroIntensive G Duo	50	25 x 1 pc	5





Durable Systems

CE MICROCONTROL



- Multilayer design with sealed edges for optimum absorbency and low particle shedding properties
- Patented design leading edge cleaning lip innovation allows for effective mechanical cleaning of floor corners and skirting boards
- 100% microfibre mop surface delivers high mechanical cleaning efficacy removing particulates at a micron level

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
140708	523471	MicroControl CE Mop	50	30 x 1 pc	5
151327	530261	MicroControl CE Mop CC (colour coded)	50	30 x 1 pc	5
149000	528740	MicroControl CE Mop	35	10 x 1 pc	5
151958	530548	MicroControl CE Mop OW (off white)	50	30 x 1 pc	5
151957	530547	MicroControl CE Mop OW (off white)	35	10 x 1 pc	5
152547	530946	MicroControl CE Mop CUT (cut ends to fit Swep Duo press)	50	30 x 1 pc	5

CE MICROCONTROL 2



- High durability and chemical resistance when used with most disinfection chemicals
- Highly absorbent, low particle shedding and low friction for best-in-class mechanical cleaning
- 100% microfibre mop surface delivers high mechanical cleaning efficacy removing particulates at a micron level

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
167312	539889	MicroControl 2 CE Mop	50	30 x 1 pc	5
167311	539888	MicroControl 2 CE Mop	35	10 x 1 pc	5

CE MICROEFFECTIVE



- Durable, cut pile microfibre mop delivers high performance mechanical cleaning action
- Innovative design, low particle shedding and enhanced decontamination performance achieved by open side mop corner pockets
- Ergonomic easy gliding mops and light weight mopping system

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
161533	535981	CE MicroEffective Mop (with chip, supplied by laundry)	50	30 x 1 pc	8
168715	540818	CE MicroEffective Mop (with chip, supplied by laundry)	35	10 x 1 pc	8






CE MICRONSWEP® SINGLE SIDED



- Single sided mop to fit the SWEP frame. Total contamination control. Mops are pre-dosed by the end-user following the pre-prepared method before entering the cleanroom to mitigate cross-contamination
- Ergonomic lightweight mopping system ensures fast, easy consistent cleaning of floors, walls and ceilings
- No need to mop floors twice! This concept is designed to clean and dry the floor in one step. Contamination is virtually eradicated and opportunity cost savings are achieved

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
113453	507562	MicronSweep SS CleanRoom Mop 35 cm (without chip)	35 cm	30 x 1 pc	5  
113454	507563	MicronSweep SS CleanRoom Mop 50 cm (without chip)	50 cm	25 x 1 pc	5  
114533	508498	MicronSweep SS CleanRoom Mop 35 cm (with chip, supplied by cleanroom laundry)	35 cm	30 x 1 pc	5  
114534	508497	MicronSweep SS CleanRoom Mop 50 cm (with chip, supplied by cleanroom laundry)	50 cm	25 x 1 pc	5  

CE MICRONSWEP® DUO



- Double sided mop to fit the SWEP frame. Total contamination control. Mops are pre-dosed by the end-user following the pre-prepared method before entering the cleanroom to mitigate cross-contamination
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- No need to mop floors twice! This concept is designed to clean and dry the floor in one step. Contamination is virtually eradicated and opportunity cost savings are achieved

TSU Case	BCU Pack	Description	Size (cm)	Packs / Case	Application
158124	158128	MicronSweep Duo CleanRoom Mop 35 cm (without chip)	35 cm	30 x 1 pc	5  
158122	158126	MicronSweep Duo CleanRoom Mop 50 cm (without chip)	50 cm	30 x 1 pc	5  
158123	158127	MicronSweep Duo CleanRoom Mop 35 cm (with chip, supplied by cleanroom laundry)	35 cm	30 x 1 pc	5  
158121	158125	MicronSweep Duo CleanRoom Mop 50 cm (with chip, supplied by cleanroom laundry)	50 cm	30 x 1 pc	5  





Unrivalled contamination control, biocontamination pickup and residue removal performance

Vileda Professional – a part of the Freudenberg Group

Vileda Professional provides innovative cleaning solutions for professional users in various application areas, such as General Building, Healthcare, HoReCa and Controlled Environment. With sales offices in all major European countries, in North America and Asia – and with a wide net of representatives – we are well located around the world. Vileda Professional belongs to the Freudenberg Group – a diversified, family-run global company, headquartered in Germany.



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