

Products on the highest
quality level



Cleaning in clean environments

Professional
Cleanroom Expertise

dastex
REINRAUMZUBEHÖR

Delivery programme / Products

Reusable and washable cleanroom garments

sterile / non-sterile

- ▶ Cleanroom garments
- ▶ Cleanroom undergarments

standard or customised

Disposable cleanroom garments

sterile / non-sterile

- ▶ Head, foot and body area

Face masks & cleanroom goggles

sterile / non-sterile

- ▶ Disposable face masks for various applications
- ▶ Safety goggles (reusable/disposable)

Cleanroom gloves & finger cots

sterile / non-sterile

- ▶ Disposable gloves
 - nitrile, latex, polypropylene and other materials
- ▶ Textile gloves
 - uncoated, coated
 - antistatic / for ESD-protected areas
- ▶ Protective gloves
 - protection against chemicals, heat or cold

Cleanroom shoes & socks

- ▶ Occupational footwear & Safety footwear
 - clogs, slippers and sandals
- ▶ Shoes with textile upper
- ▶ Cleanroom socks (reusable/disposable)

Disinfectants & Detergents

sterile / non-sterile

- ▶ Based on alcohol (IPA / ethanol)
- ▶ Biocides, sporicidal preparations, fungicides etc.
- ▶ Hand hygiene

Cleanroom wipes

sterile / non-sterile

- ▶ Polyester cellulose wipes
- ▶ Polyester wipes
- ▶ Microfibre wipes
- ▶ Wipes for special requirements
- ▶ Saturated wipes
- ▶ Cotton and cellulose wipes
- ▶ Sponge wipes

Cleaning & disposal articles

- ▶ Mop systems and handles
- ▶ Cleaning trolleys and accessories
- ▶ Cleaning swabs
- ▶ Special cleaning tools
- ▶ Cleanroom vacuum cleaners
- ▶ Disposal systems

Tacky mats

- ▶ Removable dust binding foil mats
- ▶ Permanently adhesive and washable tacky mats

Cleanroom furniture

- ▶ Chairs, stools, work tables, desks
- ▶ Shelving systems, wardrobes and carts
- ▶ Ladders and steps

Cleanroom paper & pens

Adhesive tapes & labels

Dispenser systems & disposable overshoe dispensers

Particle visualisation lamps

Services

Supply concepts

- ▶ Consignment warehouse
- ▶ Full supply systems
- ▶ E-Commerce solutions
(incl. online shops)

Staff training

Research & Development

Consultancy

Since 1979



Since 1979, **Dastex** has been your competent partner for all questions concerning cleanrooms.

One of our company's maxims is that an optimal range of cleanroom products can only be created and continuously developed if we maintain close contact with operators of cleanrooms.

Our many years of know-how guarantee that an extensive and above all practice-oriented product range is available at all times, which meets all the requirements of our customers and at the same time represents the latest state of cleanroom technology.

Consistently high product quality, combined with competent advice and intensive customer care, are essential components of the Dastex quality principles.

We have a broad international base, speak twelve languages and attach great importance to the training and development of our employees in order to meet the growing demands of our customers in the future.

As a responsible company, **Dastex** has been operating a quality management system in accordance with **DIN EN ISO 9001** for many years.

In order to express the idea of sustainability, **Dastex** has also had its environmental management system certified according to **DIN EN ISO 14001**.



What does cleaning in clean environments mean?

It is not easy to clean in an area where, on the one hand, contamination is often not obvious and, on the other hand, the result of efforts cannot be detected.

However, the use of high quality products can lead to improvements and savings!



Non-contact work sequence – easy cleanability

Maintaining and restoring cleanliness is imperative to avoid possible contamination of the products to be manufactured.

In addition, damage due to contamination of the workplace is to be prevented. Choosing the right cleaning equipment increases efficiency and thus productivity. It is not only about the cleaning of the place itself, but also about the cleanliness and cleanability of the products used. The use of inappropriate cleaning equipment can significantly increase rejects.

In microbiologically controlled areas, cleaning always goes hand in hand with disinfection and vice versa!

Important criteria for cleaning in clean environments:

- ▶ use only suitable products (cleaning products, equipment, etc.)
- ▶ consideration of equipment cleanability in the selection process
- ▶ verification of technical data
- ▶ use of different cleaning products for different surfaces
- ▶ ergonomics and efficiency
- ▶ compliance with guidelines and recommendations
- ▶ reproducibility of validated cleaning procedures
- ▶ safe disposal of cleaning agents/media
- ▶ correct reprocessing of cleaning agents
- ▶ proof and verification of cleaning performed



Visual inspection of particulate contamination

Single use or multiple use – is there a best practice?

Influential factors for comparison single vs. multiple use



Advantages of suitable reusable products:

- ▶ cleanability
- ▶ surface performance
- ▶ efficiency
- ▶ price/performance ratio
- ▶ durability

After the use of reusable products, it must be ensured that they are properly decontaminated and, if necessary, autoclaved before being reused. In the case of reprocessed wiping materials, evidence of the degree of cleanliness after decontamination should be kept.

The materials used are typically polyester and microfibre, as for disposable mop covers.

What are the advantages of using disposable mop covers?

They are disposed of directly after use, as they cannot be reprocessed. This is particularly advantageous when cleaning in a critically contaminated environment, for example when handling cytostatic drugs. In addition, the surface performance and cleaning efficiency of the latest disposable mop covers have increased significantly.



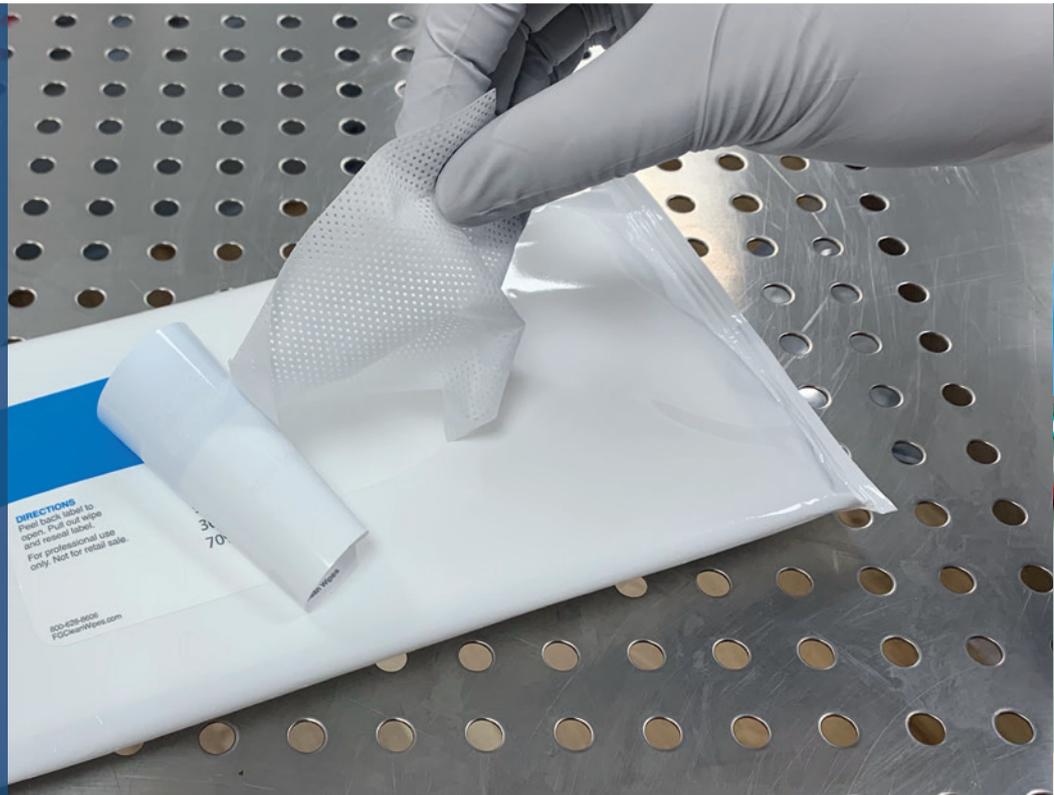
The disadvantage is that the degree of cleanliness of disposable covers is not verifiable in many cases. Have they been pre-cleaned?

If so, how and with what?

If not, the user has to assess the risk himself.

Advantages and disadvantages of mop covers and pre-saturated wipes compared to dry ones

The user has the choice to prepare his own cleaning and disinfecting solutions or to use pre-moistened variants.



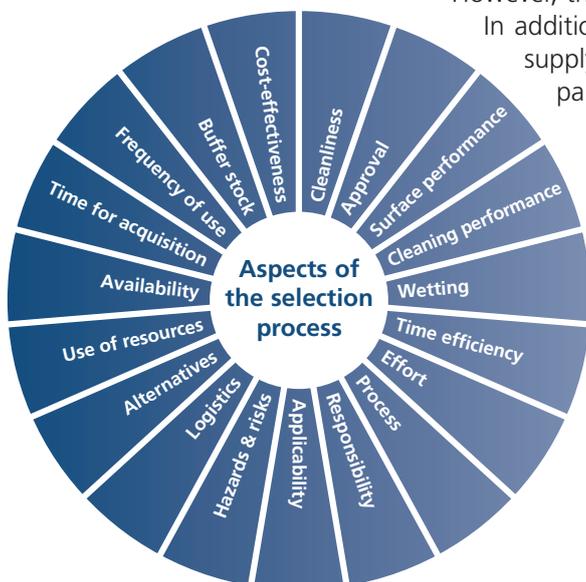
Our product range of soaked variants for cleaning includes: wipes, pads and mop covers

Their main advantages are as follows:

- ▶ ready to use
- ▶ consistent quality
- ▶ reproducibility
- ▶ easy validation
- ▶ quantities adapted to practical needs

However, the selection of products for conventional preparations is much wider. In addition, it is possible to react more flexibly in many cases, e.g. in case of supply bottlenecks. On the other hand, the overall effort required for preparation and post-processing is higher.

For both variants, the cost-benefit ratio of the respective cleaning and disinfection process must be determined.



We will be happy to advise you in detail!



Cleaning with special means



In areas where satisfactory and effective cleaning is not possible with standard products, special products must be used.

In this case, it is important to use only products that do not generate any inherent contamination, such as abrasion from cleaning swabs, exhaust air from vacuum cleaners and residues from cleaning products. Or there are solutions that completely eliminate these contaminations afterwards without any problems.

The more individual the design, the more difficult it is – in terms of availability and quality characteristics – to use alternatives.

We offer a wide range of cleaning tools of similar design, but with the necessary cleaning accessories for your needs.



Waste disposal



The final step is the waste disposal of used materials, before, for example, disinfection or production.

Only suitable materials or containers should be used for this!

Professional Cleanroom Expertise



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