

Products on the highest
quality level



Cleanroom gloves & finger cots

Professional
Cleanroom Expertise

dastex
REINRAUMZUBEHÖR

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 a 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**.



Definition of cleanroom gloves



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Cleanroom gloves must have certain properties in order to be used without hesitation in controlled areas

Gloves are among the most critical consumables in the cleanroom industry, as these are often used in contact with the product.

The previous customer requirements were wearing comfort and absence of residues, grip etc. However, the gloves in particular should protect the product or the cleanroom process.

Due to application-specific requirements and changes in standards in the cleanroom world, the topic of “personal protection equipment in cleanrooms” has become one of the focal points, in addition to product protection, so that a modern cleanroom glove – if possible – should combine both aspects.

In addition to the general product features of a glove, such as fit, tear resistance or tactile feel, it is important to focus on the **cleanroom-relevant quality features**. These include primarily the **surface cleanliness** of the glove as delivered, **abrasion resistance**, **chemical resistance** (especially when handling cleaning agents and disinfectants) as well as **conductivity** in some areas of application.

The problem here is that there are still no internationally binding standards and norms with corresponding purity criteria that allow a glove to be assigned to an air cleanliness class. A statement such as “this is an ISO-5 glove” is therefore not verifiable and basically misleading.



Double gloving – a “must” in A / B areas

Disposable gloves for critical cleanroom areas

The extensive Dastex product range includes a large selection of different gloves

- ▶ for use in cleanrooms of air cleanliness classes 4 – 9 (ISO 14644)
- ▶ for use in hygiene zones GMP A/B-C-D-(E)
- ▶ choice of gloves according to the VDI Guideline 2083, Part 9.2 Chapter 7
- ▶ protection against dangerous chemicals and micro-organisms EN ISO 374-1, -2, -4, -5
- ▶ material resistance to permeation by chemicals DIN EN 16523-1:2018-12
- ▶ for additional process requirements such as ESD protection / EPA, heat / cold resistance
- ▶ special wearing comfort properties, like skin compatibility, tactile sensation, grip



Latex and nitrile gloves

- ▶ very elastic, tear-resistant, good tactile feel
- ▶ conductive
- ▶ ≥ 12" long, powder-free, post-cleaned, foil-packed
- ▶ optionally sterile
- ▶ special lengths up to 24" (approx. 610 mm) possible

Nitrile gloves are usually much cleaner than latex gloves and have a very low allergy risk!

Disposable gloves for non-critical areas

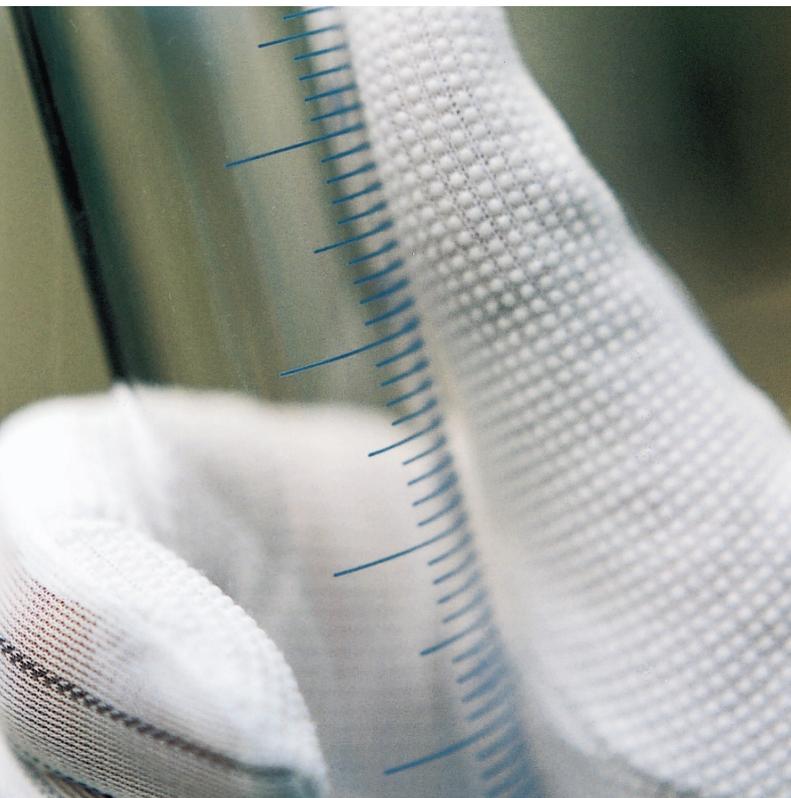
In less sensitive areas, the use of box-packed gloves (light cardboard) is quite conceivable – and partly recommended for cost reasons.

As a rule, these gloves are powder-free but not specially cleaned and also shorter than the cleanroom-compatible models.

- ▶ latex gloves, powder-free, 9", smooth surface or textured at the tips
- ▶ latex gloves, powder-free, 11" or 12", extra strong
- ▶ nitrile gloves, powder-free, 9,5", different colours and thicknesses
- ▶ nitrile gloves, powder-free, 12", extra strong, different colours and qualities



Gloves for non-critical cleanroom areas



DastGlove™ – polyamide stretch gloves, knitted and without disturbing seams

- ▶ without coating, optionally conductive
- ▶ without coating (fingertip free)
- ▶ with PUR-coated fingertips, optionally conductive
- ▶ with PUR coating on the palm, optionally conductive
- ▶ with PUR coating on the palm, cut-resistant



Sewn textile gloves

- ▶ various synthetic gloves, without coating, optionally conductive
- ▶ synthetic gloves with breathable plastic coating on the palm
- ▶ synthetic gloves with PUR knobs on the palm
- ▶ meta-aramid fibre heat protection gloves up to 300 °C
- ▶ protective gloves against cold up to -196 °C
- ▶ protective gloves against mechanical risks

Finger cots

Finger cots are used in workplaces with lower cleanroom requirements to protect the product from fingerprints caused by grease and particles from the human skin.



Disposable gloves for special applications



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Dealing with hazardous substances?

During production under cleanroom conditions, there are always processes in which the protection of human beings takes precedence over the protection of the product (PPE Regulation (EU) 2016/425). We also have a large selection of gloves for these applications, such as protective cleanroom gloves:

- ▶ the handling of cytostatic drugs (optionally also sterile)
- ▶ the handling of chemicals
ASTM D6978-05(2019)



Grip of gloves



Dastex tests on its own test bench

A recurring topic with disposable gloves, especially with nitrile gloves, is the question of grip. Due to a lack of standards, the manufacturers test (if at all) according to their own methods / ideas.

In the course of a continuous improvement of our products we developed together with the CCI – von Kahlden GmbH a special test bench for the determination of the grip of gloves.

Professional Cleanroom Expertise



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