

Products on the highest
quality level



Cleanroom protective goggles – a wide range of options

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 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.

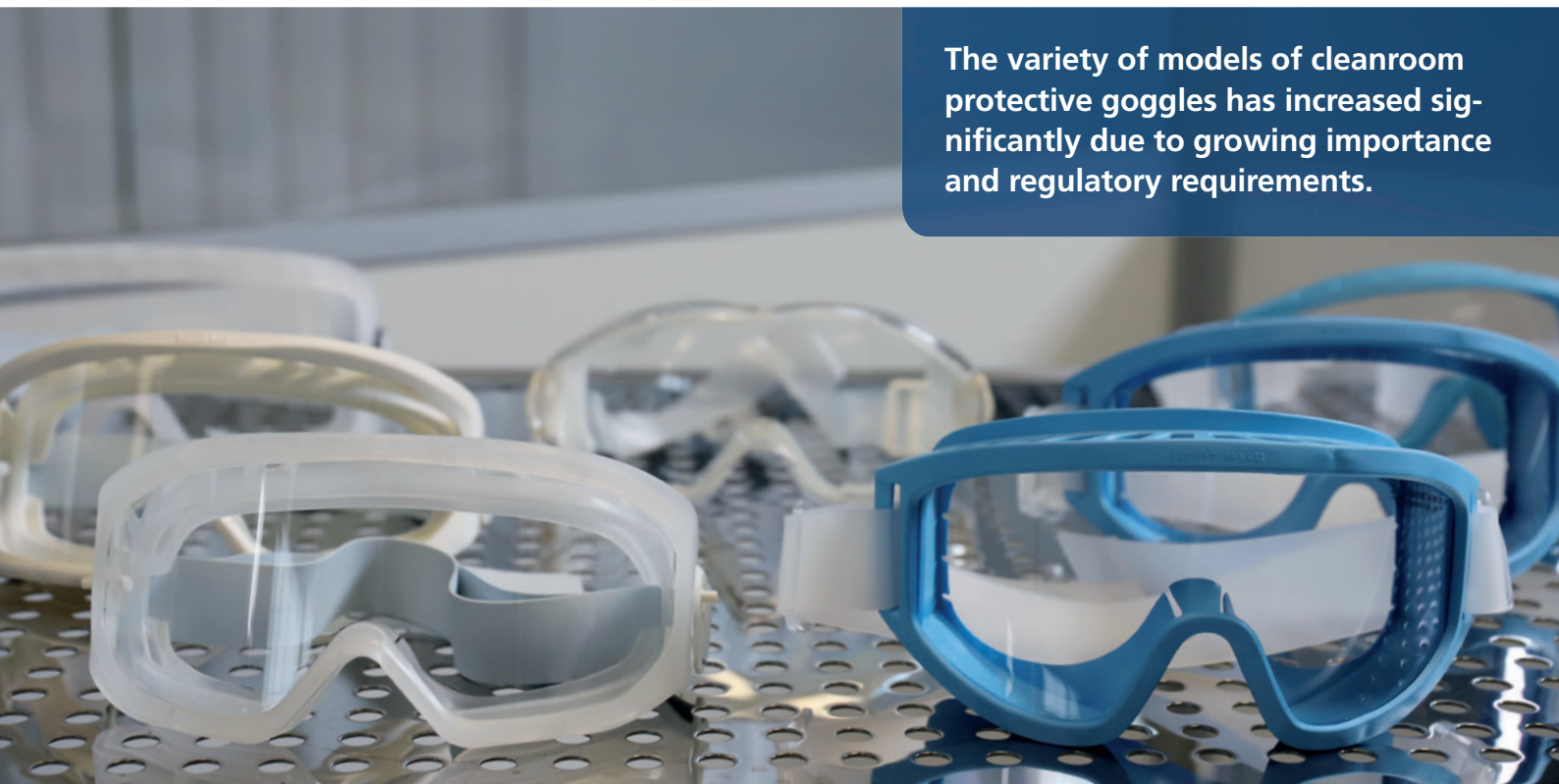
As a responsible company, **Dastex** has been operating a quality management system in accordance with **DIN EN ISO 9001** for many years.

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



Cleanroom-suitable protective goggles – a necessary „evil“?

The variety of models of cleanroom protective goggles has increased significantly due to growing importance and regulatory requirements.



The wearing of protective goggles in cleanrooms is one of the most frequently discussed aspects of a cleanroom garment system

It is common practice that head hair and beard hair must be covered by protective garments. Consequently, eyelashes and eyebrows must also be covered as well as, depending on the cleanroom requirements, the open skin areas around the eyes must also be covered.

It is without controversy that wearing protective goggles is uncomfortable. The objective must be to find the best possible compromise between cleanroom requirements (GMP A-/B-areas) and the wearer's wishes.

Approaches to solving the problem:

- ▶ Protective goggles that are as comfortable as possible in terms of fit, size, design and materials.
- ▶ Modification of the goggle straps to ensure a more flexible fitting of the goggles.
- ▶ Application-optimised systems: protective goggles in combination with cleanroom hoods. They offer a high level of wearing comfort with the best possible contamination control.

For sustainability reasons, we always recommend the use of washable and thus reusable goggles in cleanrooms.



Disposable protective goggles

In addition to reusable protective goggles, we also offer sterile as well as disposable protective goggles, should certain fields of application or process requirements make this necessary.

A wide product variety of protective goggles

Autoclavable reusable protective goggles

| | | | | | |
|---|---|---|---|---|--|
|  | 4081403 ELITE AUTOCLAVE ELATPR ventilation: direct/indirect top; indirect below coating: anti-fog, scratch-resistant |  | 40850 Model 611.S0.00.00 with antistatic silicone strap ventilation: direct top coating: without |  | 40841 SUPBLCLAVE ventilation: indirect top coating: anti-fog, scratch-resistant |
| 4081400 ELITE AUTOCLAVE ELATPR2 ventilation: direct top coating: anti-fog, scratch-resistant |  | 40850-1 Model 611.S0.00.01 ventilation: direct top coating: anti-fog, scratch-resistant |  | 40845 COVACLAVE ventilation: indirect top coating: anti-fog, scratch-resistant |  |
|  | 4081401 ELITE AUTOCLAVE ELATPRS ventilation: direct top coating: anti-fog, scratch-resistant – for narrow faces only – |  | 40855 Model 611.S1.00.01 with antistatic silicone strap ventilation: indirect top / below coating: anti-fog, scratch-resistant |  | 4088100 ultrasonic CR ventilation: indirect coating: anti-fog |



Suitable protective goggles for spectacle wearers

Goggles from the same manufacturer often differ in terms of different design details:

- ▶ direct and/or indirect ventilation
- ▶ with and without anti-fog/scratch-resistant equipment
- ▶ interchangeable lenses
- ▶ different polymer straps

As a rule, direct ventilated goggles have larger openings in the upper part of the frame that can prevent (minimise) fogging of the lenses. On the other hand, they are classified as a greater risk of contamination, as it is much more easily to contaminants to escape uncontrolled from these ventilation holes.

This risk is considerably lower with indirect ventilated goggles, but on the other hand they fog up much more quickly. For this reason, most manufacturers have goggles with anti-fog equipment as an additional option.

In many cases, however, goggles with anti-fog equipment have a shorter service life, as regular disinfection or sterilisation can irreparably damage the anti-fog equipment.

Protective goggles with indirect ventilation are the first choice when working overhead, for example when disinfecting ceilings. Indirect ventilation minimises the risk of droplets (from chemicals) penetrating more easily from above.

Protective goggles – new solutions through exchange of the goggle straps



Goggles with belt strap and buckle



Goggles with straps to tie



Goggles with narrow strap & fixed grommet



Variable grommet

Replacing the standard elastic straps with textile straps can significantly improve wearing comfort

Users often complain that elastic straps leave unpleasant pressure marks. In addition, it can happen time and again with protective goggles with elastic straps that the hood shifts when the goggles are put on and the wearer is forced to correct this. By replacing the modified goggle straps, the width adjustment of the head circumference can be significantly simplified. At the same time, the risk of cross-contamination is reduced, because the wearer does not have to awkwardly adjust the elastic strap, nor does he have to touch the protective goggles and hood several times.

Furthermore, it is possible to create labelling areas on textile straps so that the protective goggles can be easily traced and cycles of use can be recorded and documented.

Goggles with belt strap and buckle

- ▶ 35 mm strap
- ▶ rear buckle, for (continuous) adjusting the head circumference
- ▶ with press stud (head piece) and press stud (eyelet) on strap for fixation

Goggles with straps for tying

- ▶ straps made of cleanroom fabric for tying at the back of the head

Textile surfaces for labelling

- ▶ there is a choice of different textile areas (grommets) for attaching a barcode or transponder for traceability and documentation

Optimised hood-goggles combinations

A particularly user-friendly „click system“



Basic model 24

Mouth attachment with gauze in duckbill shape

Our product innovation was nominated for the renowned Red Dot Award and selected as the winner!



reddot winner 2020



Basic model 25

Mouth area made of cleanroom fabric



Basic model 26

Mouth area made of gauze in semi-circle

Hoods basic models 24 / 25 / 26

- ▶ eye slit hood with nose cover and nose bridge
- ▶ half-high headgear with inner ring

Additional equipment

- ▶ Buckles on the side for clicking on the goggles

To further simplify the donning procedures and make them more user-friendly, Dastex developed a very flexible hood-goggles combination. At the same time, this innovative solution reduces the risk of cross-contamination while putting on the protective goggles.

The following important criteria were taken into account in our development:

- ▶ **fit:** different head shapes – not every protective goggles suit
- ▶ **easy handling:** avoidance of cross-contamination
- ▶ **secure coverage** of all still bare skin areas on the face (eye areas)
- ▶ **avoidance of pressure points**
- ▶ **unrestricted view** as far as possible (not least for occupational safety reasons)
- ▶ **anti-fogging properties**
- ▶ **no impairment of visual acuity**
- ▶ **suitable for wearers of glasses:** the goggles should fit well over the glasses

Combinability is an additional feature of this system!

Almost every protective goggles can be combined with different hood models. Individual parts also offer considerable advantages for laundry service providers: separate reprocessing, reliable tracking and documentation, easy repair and replacement.

Just two „clicks“ and pulling on two straps – the protective goggles fit and are fixed!



Step 1
Removing the goggles from the packaging



Step 2
Inserting the buckle on the first side



Step 3
Inserting the buckle on the second side



Step 4
Adjusting the strap

Professional Cleanroom Expertise



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