

SERVICE AT ITS FINEST

# *Textile management* for cleanrooms.

*bardusch*



For over 150 years, we have stood for reliability in textile management. Wherever you encounter textiles in your day-to-day work, we support you with our sustainable services: rental, care, and logistics tailored to your requirements.

hardusch

Cleanroom textile management

# Stress-free rental. *Reliably prepared.*



For sensitive manufacturing processes in sectors such as **pharmaceuticals**, **precision optics**, and **aerospace**, we offer textile solutions that meet the highest purity requirements of our clients.

## ALL-ROUND PROTECTION WITH OUR SERVICES

We provide you with cleanroom technology, maximum process reliability, and a customised textile and service concept. We guarantee security of supply thanks to efficient processes, comprehensive logistics, and our proximity to clients.



## We know *cleanrooms.*

### **Quality** *is our standard.*

This commitment begins with our washing machines, which comply with all cleanroom requirements. Like our laundry chemicals, the osmosis water we use is tailored to match the special requirements.

Our internal RABC hygiene concept according to DIN EN 14065:2016 ensures a validated disinfecting washing process. Systematic monitoring and regular hygiene training according to RAL OZ992/1.4 ensure consistent safety and quality.

### **Quality control** *is a basic requirement.*

Our DIN EN ISO 9001:2015-certified quality management, particle testing according to ASTM-F51.00, and contamination-protected individual packaging provide the highest levels of safety, quality, and hygiene.

Our electronic inventory management system for tracking individual items allows you to maintain a clear overview of the quality and washing process of your textiles at all times.



### **Fabrics** *of the best quality.*

When real professionals join forces, the result is always something truly special. We share all our expertise and many years of experience with the best suppliers in the industry. This results in the safest and cleanest solution for your cleanroom. Benefit from exclusive equipment, a wide range of collections, and superior comfort, including bardusch service.

→ **That much**  
*is certain.*

# Cleanroom

## Our emergency concept for your safety.

Whether power cuts, accidents, or closed motorways – we can neither foresee nor influence any of these. But we can take – and have taken – the necessary precautions. And with such foresight that your supply is guaranteed. This is our promise to you.

A detailed **action plan** will be drawn up for you in advance.

We define redundant **additional and replacement capacities** for you.

If necessary, we will set up an internal **crisis team**.

We have built up a state-of-the-art **IT back-up infrastructure**.

9 CLEANROOM LOCATIONS IN EUROPE



CLEANROOM SERVICE FROM REAL EXPERTS

Four cleanroom locations in Germany.



OVER 1,000 CLEANROOM CLIENTS IN TOTAL



PHARMACY

SEMICONDUCTOR TECHNOLOGY

SUPPLIER INDUSTRY

PRECISION OPTICS

CHIP INDUSTRY

AUTOMOTIVE INDUSTRY

MEDICAL TECHNOLOGY

AEROSPACE



## In three phases to reliable cleanliness.

We have developed a special cycle in order to ensure that your cleanroom garments are regularly reconditioned for daily use and treated according to the respective standards.



**Pick-up**  
Used cleanroom garments are collected directly from you by bardusch.



**Inspection**  
Your cleanroom textiles are checked for functionality and necessary repairs.

**Loading**  
Your garments are loaded into the laundry via specially developed airlocks.



**Cleanroom airlocks.**  
A pass-through function takes the washed garments from the machine directly into the cleanroom.

**Washing**  
The textiles undergo several disinfection washes in special washer extractors.

**Cleanroom**  
The textiles are folded here. We use online monitoring to continually check parameters such as particles, pressure and water.

**Sterilisation**  
Our textiles are sterilised using an autoclave that meets all the requirements of EN 285.

**Packaging**  
Before transport, the cleanroom textiles are packaged in specially designed PE bags. This ensures that everything remains particle-free in transit.

**Delivery**  
Our textile leasing service ends with you. We provide you with customised care at the pace and in the quantity you need.



FULL PROTECTIVE HOODS

OVERALLS

UNDERGARMENTS

COATS

OVERBOOTS AND SHOES

## Comfort *and protection.*

Safety and comfort are features that you naturally expect from cleanroom garments. Our range therefore includes coveralls with and without hoods, full protective hoods and overboots and shoes as well as undergarments and coats. Our product range is complemented by other items such as face masks, protective sleeves, and socks. And our professional service, which gives you peace of mind every day.





## Reliable *product quality.*

**dartex**  
REINRAUMZUBEHÖR

Quality with maximum comfort. With us, you can rent selected collections easily and according to your needs.

**alsico**<sup>^</sup>  
hightech

With the alsico collection, you are leasing modern and comfortable cleanroom garments.



**PFENNIG**  
REINIGUNGSTECHNIK

**Hydroflex**

Our range is supplemented by specially treated mop covers and cloths.

CLEANROOM GOGGLES

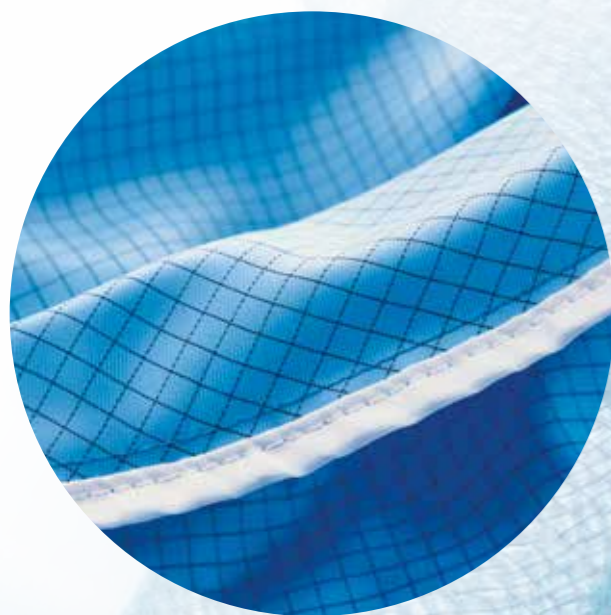
FACE MASKS

PROTECTIVE SLEEVES

SOCKS

## *The filter* between people and product.

Our collections feature **absolute safety and the best possible breathability**. Thanks to the extreme fineness of the polyester filaments, the microfiber fabric is so dense that vapor can diffuse from the body to the outside whilst particles are retained.



### **Quality and safety are in the detail.**

Special processing techniques such as edge finishing with binding or overlock seams ensure maximum safety. The integrated carbon fibre thread prevents electrostatic charging.

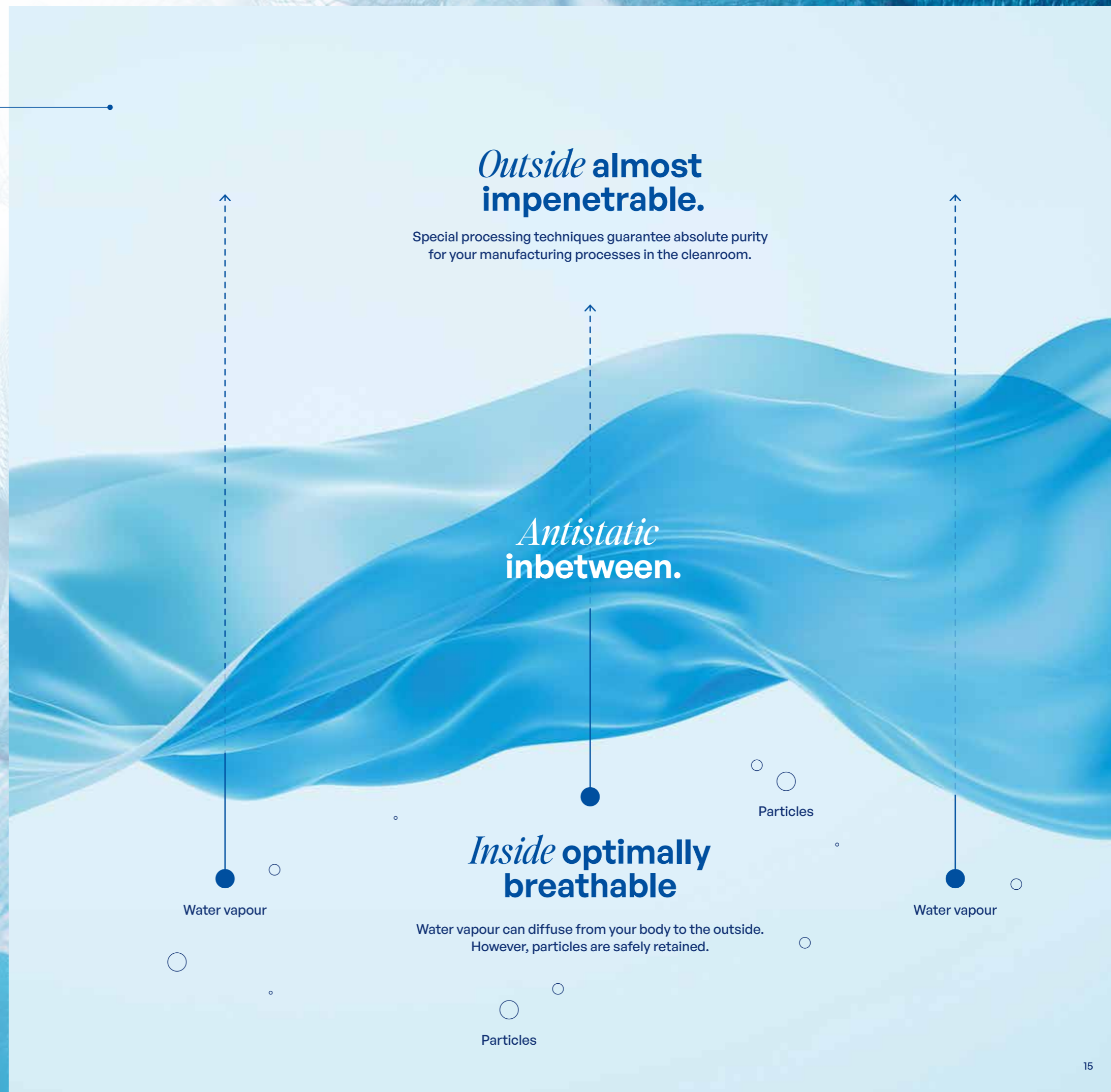
## *Outside* almost impenetrable.

Special processing techniques guarantee absolute purity for your manufacturing processes in the cleanroom.

## *Antistatic* inbetween.

## *Inside* optimally breathable

Water vapour can diffuse from your body to the outside. However, particles are safely retained.



## *Our protection programme* **for the future.**

As a professional textile service provider, we think in a circular way: from the purchase of textiles to the treatment of the laundry to disposal, we work every day to close loops. For us, top quality means combining cost efficiency with environmental protection and social responsibility.



Environmental management  
according to **ISO 14001:2015**

Quality assurance according  
to **Oeko-Tex Standard 100**



### **Systematically anchored.**

Sustainability is firmly anchored in our corporate strategy and has long been part of our daily work. Nevertheless, we know that there is still room for improvement – and that's why we keep pushing forward.

### **Together in partnership.**

**Sustainability is teamwork.** That is why we focus on long-term partnerships with our clients, suppliers, and partners. We would be happy to work with you to see how we can make our contribution to the circular economy even more sustainable.

### **Sustainably certified.**

**Trust is good – control is better.** We therefore have our sustainability performance regularly checked and manage ecological and social aspects with an integrated management system.

# Our service is both *digital and personal.*

Nothing is as important as our contact with you.  
For simple ordering processes, transparent costs,  
and whenever you need us.



## bardusch web portal:

The support platform **supports the processes** for an efficient and cost-conscious supply of textiles.

Enjoy the benefits of **simple ordering at the click of a mouse and detailed cost controls**.

We meet high **IT security standards** and, of course, always act **in compliance with the GDPR**.

The portal allows you to **manage personal data**.

Our communication platform **takes the pressure off your laundry manager**.



## Customised support concept:

You have access to a **personal contact person**, who knows your wishes inside out.

In our bardusch **web portal**, which features various reporting options, you will find online help.

We will set up a **service hotline** for you by email and telephone so that you can always reach us.

In addition, a **site manager** is available on site for each of your facilities.

Our **vehicle fleet** with consistent contact partners is part of our service.

# Reliable processes. *Certified quality.*



## Certified for maximum cleanliness:

Certified reprocessing according to **EN ISO 14644-1**

Particle detection on garments according to **ASTM-F51.00**

Quality assurance according to **DIN EN ISO 9001:2015**

**Contamination-supported individual packaging**

If required, steam sterilisation in accordance with **DIN EN ISO 17665** and **EN 285100**

**Batch record per delivery**

## You can *count on us.*

Every day, satisfied employees all over Europe rely on the fact that they are provided with well-maintained, hygienically clean, and standard-compliant workwear and textiles. With over 150 years of expertise, bardusch has developed its own processes and technologies to ensure just that. 365 days a year. If you would like to get to know us better, we have a few more figures for you.

# 1871

In 1871 Caroline Bardusch founded our family business in Ettlingen.

# 90,000

90,000 clients throughout Europe rely on our service.



# 1 million

Around 1 million people wear our textiles every day.

# 420 t

420 t of laundry are washed at bardusch every day.

# 29

29 laundries in Europe ensure the closest possible proximity and quickest response times.



# 370

370 vehicles are on the road every day in Germany alone in order to deliver to all our clients on time.

# 3,750

Over 3,750 employees reliably supply our clients throughout Europe.



## Clean solutions for all industries.

We also provide your company with workwear and protective garments, washing room hygiene products, and dust control mats. These are all simply rented and included in the bardusch service.



For personal service and quick access, we are present at more than 16 locations in Germany and in six countries throughout Europe.

### 16 LOCATIONS IN GERMANY:

- |                      |                      |
|----------------------|----------------------|
| / Augsburg           | / Hochdorf-Assenheim |
| / Dresden            | / Mülheim-Kärlich    |
| / Eisenach-Stedtfeld | / Landsberg          |
| / Erfurt             | / Ludwigshafen       |
| / Ettlingen          | / Satteldorf         |
| / Falkensee          | / Siedenburg         |
| / Geldern            | / Soltau             |
| / Heilbronn          | / Werder             |

*We know cleanrooms.*  
**That much is certain.**

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