DACH

WE KEEP YOU SAFE®
since 1996

MADE IN GERMANY

All-Around Protected

DACH-Catalog 2023 / 2024

WE KEEP YOU SAFE®
since 1996

DACH

MADE IN GERMANY

DACH Protective equipment

Successful since 1996

DACH stands for values.
We act daily to comply with them.

DACH thanks to its high quality standard and outstanding service, aims at being a best in class manufacturer for occupational safety. We see ourselves as a service partner who puts customers at the center of everything we do. We know about the sophisticated development process and the resulting quality of our products. We are proud of this - and can give our customers exactly the expertise and confidence they need in such an important topic as occupational safety.

Customer focus

What should we work towards if not the needs of our customers? This is precisely why customer benefit and customer feedback are at the center of everything we do - to be able to make concrete offers; to help, protect and inspire

Openness & Courage

You never stop learning - we live and act by this motto. We are open to criticism and positive feedbacks and our innovation is supported by them.
We move with the times and do everything we can to keep facing new challenges.

Personality

We are proud of this - and can provide our customers with exactly the expertise and confidence they need in such an important topic as occupational safety.

DACH develops, produces and sells.
We are pioneers when it comes to innovation.

Everyone on the team strives to be the best version of themselves every day - just as we continually optimize products, we shape our services. When we promise the highest quality, we deliver. The most important thing in industries such as healthcare, clean room, manufacturing and others is: 100% compliance with process standards and quality. This is the basis of our daily work. After all, our work is always about the most precious commodity of mankind: the protection of health. We want nothing less than a safer future for everyone.

Own lab

Our test laboratory reinforces our high quality standards. Regular spot checks on incoming goods and in the production process guarantee compliance with the highest quality standards. So you can be sure that our products more than fulfill their protective functions.

Own production

All DACH products are manufactured, tested, packaged and documented in strict compliance with European standards. Beyond our quality management system according to ISO 13485 and ISO 9001 and the requirements of legal regulations, our products are subjected to numerous additional tests.

Own brands

Since its foundation, the DACH company has invested in innovation, research and product assurance and also sees one of its strengths in the professional development of strong private brands.

neolution® Air
Zytex®
BioSafe®
GentleSafe®
ubiQ®
ChemSafe
AllSafe
BIOSAFE®
SAFE®
ecoComfort®

WE KEEP YOU SAFE®
since 1996

Since 1996, DACH has been leading the way.
Always in the right direction.

Founded in 1996, DACH started as a company aiming at protecting the health of healthcare and industrial workers. With our products we supply hospitals, emergency services, food, chemical and pharmaceutical industries in Germany and all over the world. We take responsibility because our customers rely on our knowledge and our products. To ensure the best product quality, we constantly invest in research and development. This puts us on a sustainable footing - ecologically, economically and socially.

Innovation
Introducing our ***cleanroom hood***, made of thin and air-permeable nonwoven fabric.

Innovation
DACH-High-Risk-Mask achieves best test results internationally in independent tests

Innovation
Introducing ***SplashCoat +***, first disposable gown made of blood and virus-proof material

Innovation
Through Ebola crisis. Development of ***BioSafe® protective suit***

Innovation
Introduction of the new respirator ***neolution®***

Innovation
Introduction of the new FFP 2+3 respirator ***ubiQ®***

Innovation
Introduction of the new FFP 2+3 respirator ***neolution®Air***

Innovation
PPE Cat. II Gown, Type PB 6[B]

1996 | 2000 | 2004 | 2010 | 2014 | 2016 | 2020 | 2024

Foundation
of the company DACH

Ming Gutsche
EU Innovation Prize for Women Entrepreneurs

Expansion
Development, production and distribution of protective workwear internationally in over 60 countries

Innovation
DACH establishes respirators in Hospitals

New construction
Company building and logistics hall in Bietigheim

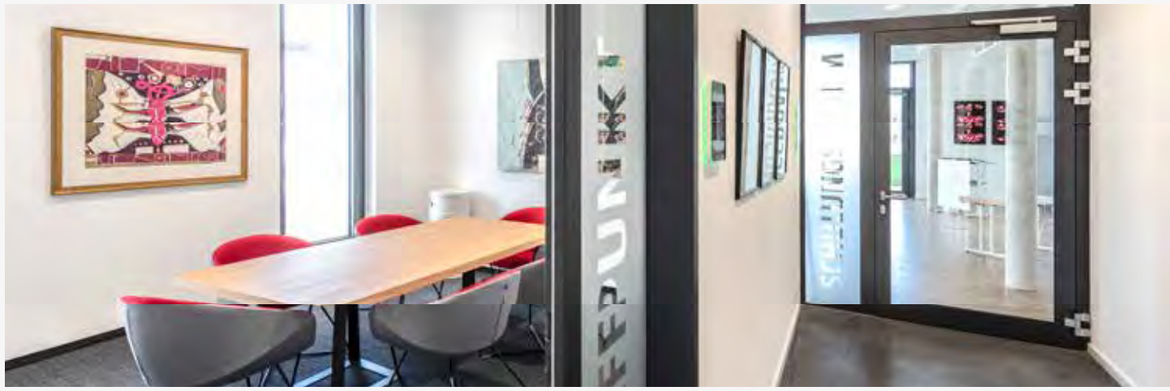
Champion of growth
Focus and Statista choose DACH as Germany's growth champion

New construction
New administration and warehouse building in Rastatt

Record
Production of more than 1 billion masks in 2020

Facility Expansion
Expansion of production at the Rastatt site until August 2024

DACH



MADE IN GERMANY

WE KEEP YOU SAFE® since 1996

RESPIRATORS

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RESPIRATORS

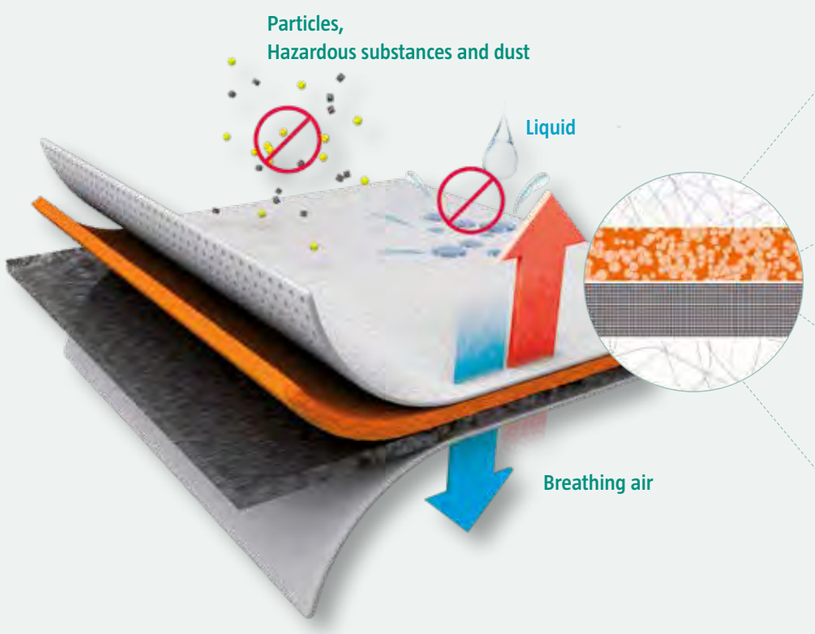
Optimum protection, maximum comfort and high efficiency

Increasing environmental exposures are leading to higher risks of respiratory diseases, which often occur in occupational settings. Industrial workers and healthcare personnel are particularly at risk. DACH respirators provide effective protection and minimize the risk of illness.

Protection WHICH EXCEEDS all standards.
safety first.

Research and development is the foundation of the convincing quality of our products, which is reflected in excellent test results. Tested in accordance with EN 149:2001 + A1:2009, the results of our DACH respirators show overachieving results against the normative requirements, while at the same time the breathing resistances are significantly lower than the requirements of their protection classes. They overachieve against all regulatory requirements.

Exemplary material structure of a DACH filter fleece



Liquid repellent outer material:
Increased protection against aqueous solutions

Innovative filter media:
Highest filter performance with lowest breathing resistance

Activated carbon layer (Optional):
Effective odor filter that absorbs low concentrations of acid gases ubd organic vapors.

Soft inner material:
Dermatologically tested
- No skin irritations

Dolomite dust test

In the dolomite dust test, the respirator is ventilated with a known concentration of dolomite dust through an artificial lung for a specified time. A test for breathing resistance and filter passage is then performed. Respirators that meet the dolomite test requirements provide greater breathing comfort and safer protection.

Some of our highlights

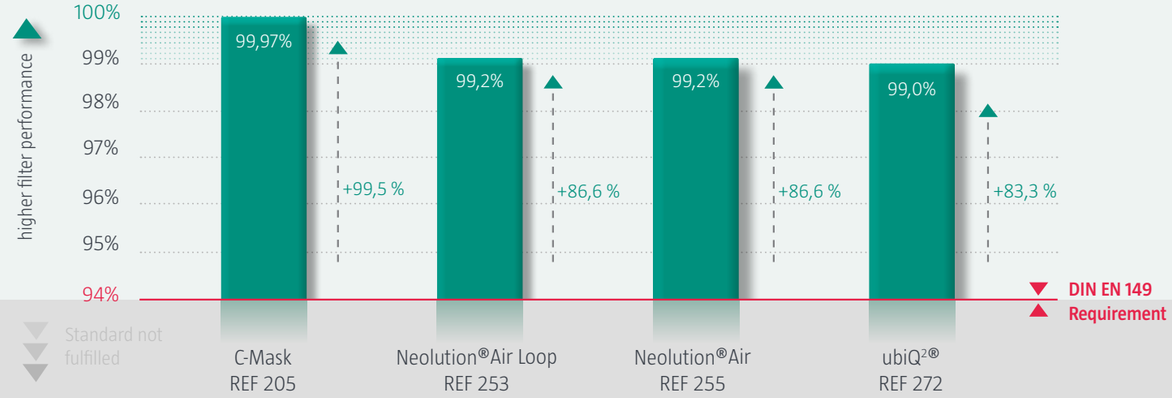
Innovative high-performance filter media combines electrostatic and physical properties - provides highest filter performance with lowest breathing resistance, ensuring maximum protection while allowing unhindered breathing.

Used 360° exhalation valves of the latest generation have an ultra-thin membrane that opens all around during exhalation. This rapidly reduces heat and moisture in the masks and increases wearing comfort, especially in hot and humid environments.

Average NaCl filter performance FFP2

NaCl 95 l /min

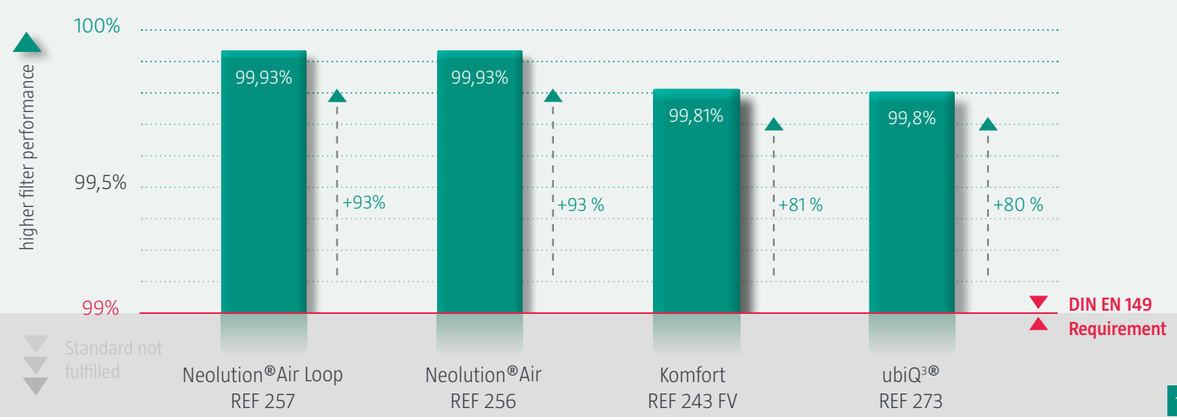
Filter performance according to EN 149:2001 + A1:2009



Average NaCl filter performance FFP3

NaCl 95 l /min

Filter performance according to EN 149:2001 + A1:2009



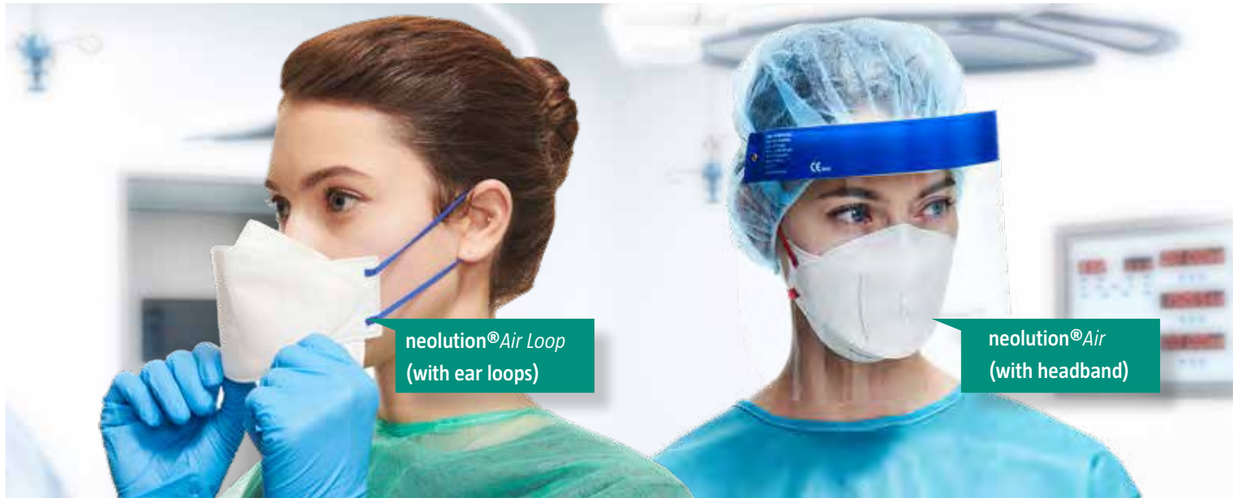
RESPIRATORS

MADE IN GERMANY

neolution®

Easy breathing and maximum protection
due to extremely high filter performance

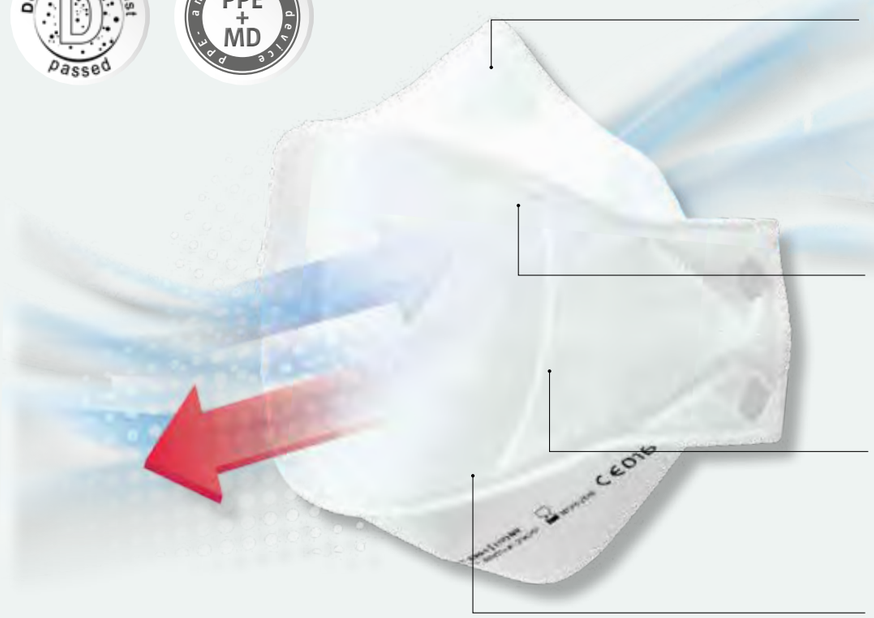
neolution®Air (with headgear) and the **neolution®**Air Loop (with ear loops) are available as FFP2 and FFP3 masks and are the new, innovative premium brand from DACH Schutzbekleidung in the field of respiratory protection masks. It is "Made in Germany" and impresses with a perfect combination of protective effect, wearing comfort and modern, three-part design. It thus meets the increased demand placed on protective masks today. And from now on, it can also boast that it has passed the dolomite dust test.



Structure of the 3-part neolution®*Air*

Dolomite dust test D passed

PPE + MD – PPE and Medical device



Perfect fit
thanks to its incorporated nose clip: no direct contact with metal.

Smart
sophisticated 3-zone design ensures a tight fit on the face

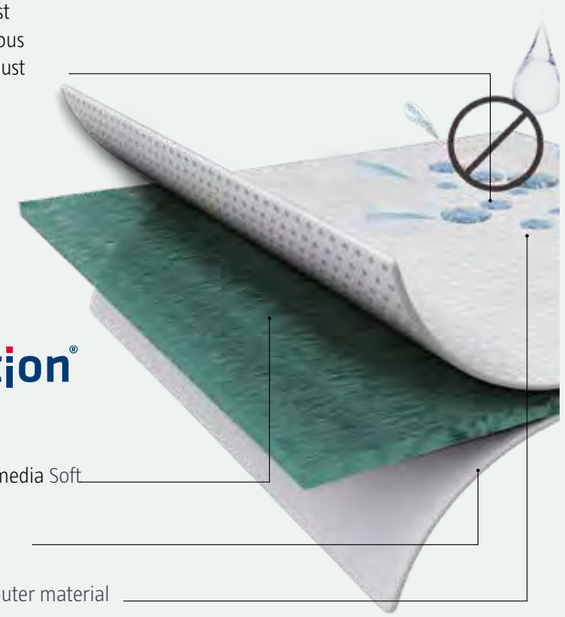
Comfortable
Very easy breathing due to special fabric

Lightweight
Only 3.5 grams with maximum protection

Against solid and liquid aerosols

High-quality materials provide maximum comfort and the highest filtering performance in its class. The mask is both feather-light and extremely air-permeable, ensuring a cool wearing sensation. The high-tech filter material produces high filtering performance against solid and liquid aerosols while maintaining extremely low breathing resistance.

Structure of the neolution®*Air protective fleeceses*



Protection against particles, hazardous substances and dust

neolution®

Innovative filter media Soft

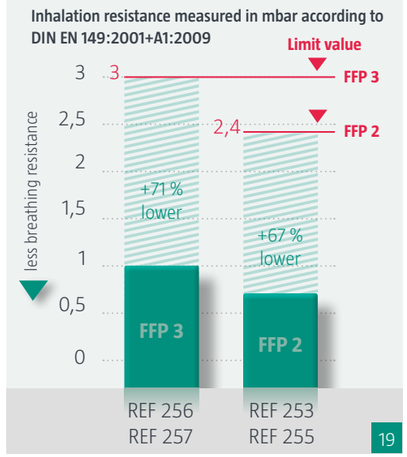
inner material

Liquid repellent outer material

Highlights

- **PPE** and **medical device**
- tested according to DIN EN 149 and DIN EN 14683
- ergonomic fit and soft material guarantee tight fit for any face shape
- hygienically individually packed
- Skin compatibility tested and passed according to medical standard ISO 10993

Breathing resistance neolution®*Air Serie*



RESPIRATORS

MADE IN GERMANY

FFP2 and FFP3 professionals in a double pack
neolution®*Air Loop*

neolution®*Air Loop* (with ear loops) is available as **FFP2** and **FFP3 mask** and is the new, innovative premium brand of DACH protective clothing in the field of respiratory protection masks. It is "Made in Germany" and impresses with a perfect combination of protective effect, wearing comfort and modern, three-piece design. It thus meets the increased demands placed on protective masks today. And from now on, it can also boast that it has passed the dolomite dust test.

neolution®*Air Loop (with ear loops)*

REF	Model	Packed	Carton
253	NeolutionAir Loop FFP2 NR D, Typ IIR	50 pcs./Box	300 pcs.
253/3	NeolutionAir Loop FFP2 NR D, Typ IIR	3 pcs./Bag	270 pcs.
257	NeolutionAir Loop FFP3 NR D, Typ IIR	50 pcs./Box	300 pcs.

Available in white, blue, mint, pink, lilac, gray

neolution®*Air Loop* FFP2 NR D, Type IIR

The neolution®***Air Loop*** with ear loops is quick and easy to put on and take off. The soft, knitted loops fit comfortably to the ear without cutting in or causing pressure points.

- intelligent 3-zone design ensures a tight fit on the face
- High filter performance and extremely low breathing resistance
- Voluntary dolomite test passed for more breathing comfort!

REF	Colors	Protection class
253		FFP2 NR D, Type IIR

neolution®*Air Loop* FFP3 NR D, Type IIR

- Neolution®***Air Loop*** FFP2, but even safer

REF	Colors	Protection class
257		FFP3 NR D, Type IIR

RESPIRATORS

MADE IN GERMANY

FFP2 and FFP3 masks with top design
neolution®*Air*

neolution®*Air* (with headgear) is available as **FFP2** and **FFP3 mask** and is the new, innovative premium brand of DACH protective clothing in the field of respiratory protection masks. It is "Made in German" and impresses with a perfect combination of protective effect, wearing comfort and modern, three-part design. It thus meets the increased demands placed on protective masks today. And from now on, it can also boast that it has passed the dolomite dust test.

neolution®*Air (with headband)*

REF	Model	Model	Carton
255	NeolutionAir FFP2 NR D, Typ IIR	50 pcs./Box	300 pcs.
255/3	NeolutionAir FFP2 NR D, Typ IIR Typ IIR	3 pcs./Bag	270 pcs.
256	NeolutionAir FFP3 NR D, Typ IIR	50 pcs./Box	300 pcs.

Available in white.

neolution®*Air FFP2 NR D Type IIR*

The neolution®Air with headband guarantees a secure fit. Can also be customized in other colors.

- intelligent 3-zone design ensures a tight fit on the face
- High filter performance and extremely low breathing resistance
- incorporated nose clip: no direct contact with metal
- Suitable for long periods of use thanks to generous breathing volume

REF	Colors	Protection class
255		FFP2 NR D, Type IIR

neolution®*Air FFP3 NR D Type IIR*

The neolution®Air with headband has successfully passed the test with dolomite dust.

- High filter performance and extremely low breathing resistance
- hygienically individually packed
- Highlights as with the Neolution®Air FFP2

REF	Colors	Protection class
256		FFP3 NR D, Type IIR

RESPIRATORS

MADE IN GERMANY

Quality - Comfort - Economy
Excellent particle filtering

ubiQ® is "Made in Germany", and available as FFP2 and FFP3 mask and meets the requirements of surgical masks type IIR in terms of bacteria filtering efficiency, splash resistance and microbial purity and convinces with a sensationally low breathing resistance at highest safety. The feather-light mask fits snugly to the face thanks to the soft materials. Even when speaking and during movement-intensive activity, the mask fits tightly.

Best of

- **PPE** and **medical device**
- tested according to DIN EN 149 and DIN EN 14683
- ergonomic fit in two different sizes guarantees a tight fit for any face shape
- Biocompatibility according to ISO 10993 getestet und bestanden
- has passed the dolomite dust storage test, which is free for disposable masks.

ubiQ® *Highlights*

High tightness
Featherweight mask hugs the face tightly due to soft materials, even during high-movement activities.

Great wearing comfort
ergonomic fit and skin-flattering, soft inside for comfortable wear.

No staple
Sheathed, latex-free banding - no mishap with the hair.

Easy handling
2-piece design for easy handling due to the possibility of folding

High protection
Meets the requirements set for medical face masks

ubiQ²® *FFP2 NR D Type IIR*

The ubiQ²® FFP2 respirator offers safe protection against dusts, aerosols and non-volatile liquid particles. ubiQ²® respirators are equipped with a high-performance filter that ensures high filtering performance with sensationally low breathing resistance, thus bringing maximum safety to the user.

REF	Colors	Protection class
272		FFP2 NR D, Type IIR

ubiQ³® *FFP3 NR D Type IIR*

The ubiQ³® FFP3 respirator provides safe protection against dusts, aerosols and non-volatile liquid particles.

As a PPE and medical device, the ubiQ³® respirator protects not only the wearer, but also the person in front of him. As it complies with the highest protection class for particle-filtering half masks, it is always the best choice, especially for challenging healthcare applications, and its design makes it easy to stow away.

REF	Colors	Protection class
273		FFP3 NR D, Type IIR

Coffee filter style respirator
Complies with EN 149

The **C-Mask** is a respirator in vertically folded "coffee filter" design with ear loops. This simple design meets all the requirements of EN 149 at an unbeatable price. It complies with the highest risk category III according to the Personal Protective Equipment (PPE) Regulation (EU) 2016/425.

C-Mask *Highlights*

1 **Liquid repellent outer material:** Increased protection againstaqueous solutions

2 **Supporting layer:** keeps the mask in shape

3 + 4 **Innovative filter media:** Highest filter performance with lowest breathing resistance

5 **Interior material:** Pleasantly soft and Skin friendly

C-Mask *FFP2 NR*

The C-Mask is a white respirator mask folded vertically for an easy and space saving storage. With soft ear loops for easy attach-ment behind the ears. Easily deformable nose clip to fit indivi-dual face shape and easy seal on face.

- familiar shape with DACH wearing comfort
- Exceeds the requirements for FFP2 by far
- integrated noseband and ultrasonically welded ear loops for a metal-free wearing experience

REF	Colors	Protection class
205		FFP2 NR

High filter performance
Revolutionary shape

neolution®*Plus* series of filtering half masks from DACH combines maximum safety and improved comfort. safety and improved comfort. The patented, expandable three-piece design enables a tight fit for any face shape, even when speaking and during vigorous physical movement.

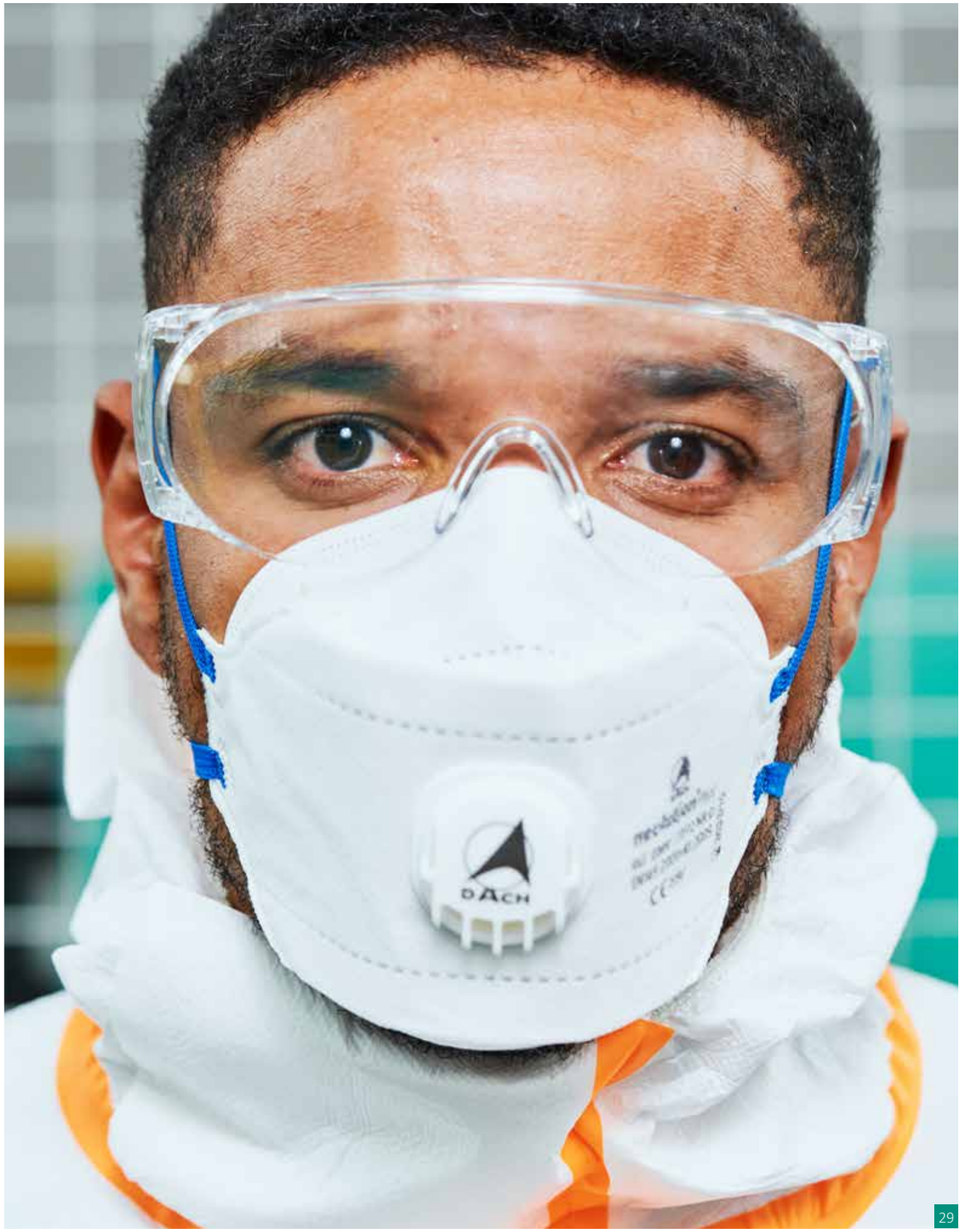
neolution®*Plus Highlights*

neolution®*Plus FFP2 NR D with valve*

neolution® *Plus*

- unfolding three-piece design that won't slip even when yawning
- extra large filter surface ensures excellent particle distribution and highest wearing comfort
- Textile anatomically designed headbands ensure comfortable fit without pressure points

REF	Colors	Protection class
238V		FFP2 NR D



The specialist among masks

Ergonomic fit completely without metal

Conventional respirators have metal nosepieces. They are therefore unsuitable for activities in the EX area or in magnetic fields. The DACH special mask series was developed for such special areas of application. The DACH Special respirator is anatomically pre-shaped and has no metal nosepiece. It offers reliable protection against viruses, bacteria and fine dusts when working in EX areas or in magnetic fields.

Respirator Spezial *FFP2 NR D*

Actively shaped nose area with comfort sealing lip replaces the conventional nose clip. The respirators of the Special series are thus metal-free and can be worn in potentially explosive atmospheres or in magnetic fields. They provide safe protection against dusts, aerosols and non-volatile liquid particles.

Patented clip for adjusting the headband: To tighten, simply tighten the band. To release, squeeze the clip and pull back the band.

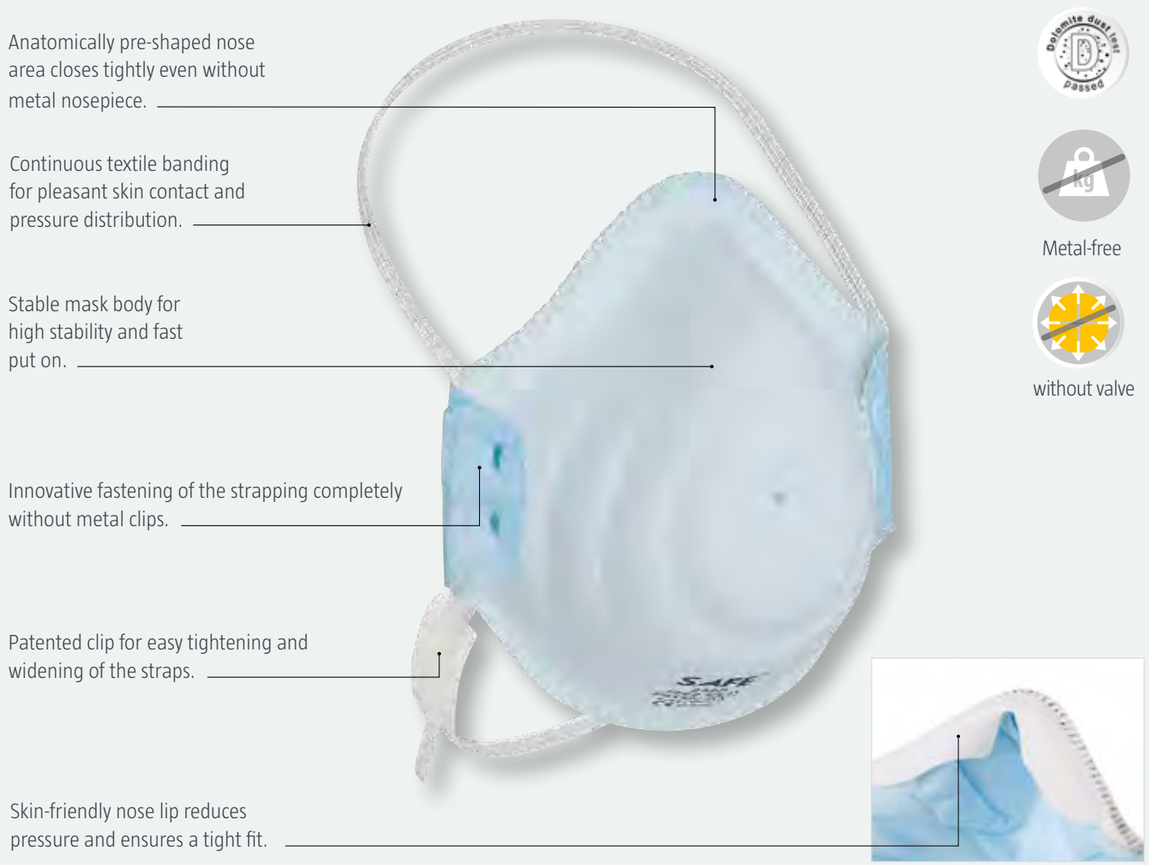
REF	Colors	Protection class
242D		FFP2 NR D

Respirator Spezial *FFP2 NR D* ***with valve***

The DACH respirator Special FFP2 NR D with valve offers all the advantages of the 242D and is additionally equipped with activated carbon and exhalation valve. The activated carbon creates an effective odor filter that absorbs low concentrations of acid gases and organic vapors. The exhalation valve ensures a comfortable climate inside the mask even during prolonged wear.

REF	Colors	Protection class
242DAV		FFP2 NR D

Special Respirator Highlights



Respirator mask
High- Risk and Comfort

Comfort series respirators provide safe protection against dusts, aerosols and non-volatile liquid particles. Equipped with a high-performance filter, the Comfort Series respirators ensure high filtering performance with low breathing resistance, bringing the highest level of safety and comfort. The 2-piece foldable design ensures easy handling and also allows for space-saving storage and convenient portability. The nose clip is color coded (FFP2: white, FFP3: blue), can be easily adjusted to the individual nose shape and makes the mask detectable.

Respirator mask comfort *Highlights*

User-friendly due to 2-piece design that folds flat

Individual packaging avoids contamination before use

Color coding for quick recognition of the protection level

Continuous bands distribute distribute the pressure evenly

Respirator mask comfort *FFP2 NR D*

- safe protection against solid and liquid aerosols as well as infectious agents
- individually packaged for protection against contamination until the use
- continuous bands distribute the pressure evenly

REF	Colors	Protection class
242F		FFP2 NR D

Respirator mask comfort *FFP2 NR D with valve*

- continuous bands distribute the pressure evenly
- Color coding for quick identification of the protection classes
- Dolomite test ensures maximum breathing comfort
- With exhalation valve for a cool wearing feeling

REF	Colors	Protection class
242FV		FFP2 NR D

High Risk Maske *FFP3 NR D, Type IIR*

- certified FFP3 NR D mask according to DIN EN 149
- Meets the requirements for Type IIR surgical masks for bacterial filtration and splash resistance in following DIN EN 14683
- Hygienic individual packaging avoids contamination

REF	Colors	Protection class
243F		FFP3 NR D , Type IIR

Respirator mask Komfort *FFP3 NR D with valve*

- User-friendly due to two-piece design that folds flat
- continuous bands distribute the pressure evenly
- Dolomite test ensures maximum breathing comfort
- Hygienic individual packaging avoids contamination

REF	Colors	Protection class
243FV		FFP3 NR D

Our priorities in respiratory protection

Safety, economy, comfort

Our DACH respirators of the **ecoComfort®** series are quality products with the best price-performance ratio! They represent an elegant combination of safety, economy and wearing comfort.

ecoComfort® *Highlights*

Carrying break:
Mask hangs comfortably around the neck.

Tightening up
simply pull the ribbon.

Loosening up
squeeze the clip and pull back the tape.

No staple.
Textile covered latex free banding - no mishap with the hair.

Color coding
Enables rapid identification of the correct protection class.

soft inside
very pleasant wearing feeling.

ecoComfort® *FFP2 NR*

- This model is a FFP2 mask without exhalation valve.
- Patented clip closure allows individual adjustment of the strap length
- integrated nose clip: perfect fit, no direct contact with metal

REF	Colors	Protection class
245		FFP2 NR

ecoComfort® *FFP2 NR* ***with valve***

- with exhalation valve for maximum comfort during long wearing time
- Patented clip closure allows individual adjustment of the trap length

REF	Colors	Protection class
245V		FFP2 NR

ecoComfort® *FFP2 NR* ***with valve***

- With activated carbon as an odor filter that absorbs low concentrations of acid gases and organic vapors.
- continuous textile strapping for easy attachment and removing of the mask, the mask can be pulled down and worn around the neck

REF	Colors	Protection class
245CV		FFP 2 NR

ecoComfort® *FFP3 NR* ***with valve***

- FFP3 NR respirator with exhalation valve for challenging working conditions.
- Patented clip closure allows individual adjustment of the strap length

REF	Colors	Protection class
246V		FFP3 NR

Innovative high-performance filter element
Preformed mask body included

The respirators of **the Classic series** offer safe protection against dusts, aerosols and non-volatile, liquid particles. The proven fit distinguishes the respirators of the Klassik series. A pre-shaped mask body ensures easy handling. The adjustable nose clip can be easily adapted to the individual nose shape. The innovative high-performance filter material ensures high filtering performance with low breathing resistance. The extra large filter area can absorb larger amounts of particles, provides a large mask volume and thus maximum wearing comfort even during longer periods of wear.

Respirator classic *FFP2 NR D*

- preformed mask body and traditional fit for easy handling.
- additional dolomite dust test for highest breathing comfort even with heavy particulate matter
- flexible nose clip ensures a tight fit
- Natural latex-free headbands prevent skin irritation

REF	Colors	Protection class
242S		FFP2 NR D

Respirator classic *FFP2 NR D* ***with valve***

- liquid repellent outer layer increases protection against aqueous solutions
- preformed mask body and traditional fit for easy handling.
- The large 360° exhalation valve enables easy and smooth breathing.
- additional dolomite dust test for highest breathing comfort even with heavy particulate matter

REF	Colors	Protection class
242SV		FFP2 NR D

Respirator classic *FPP3 NR D* ***with valve***

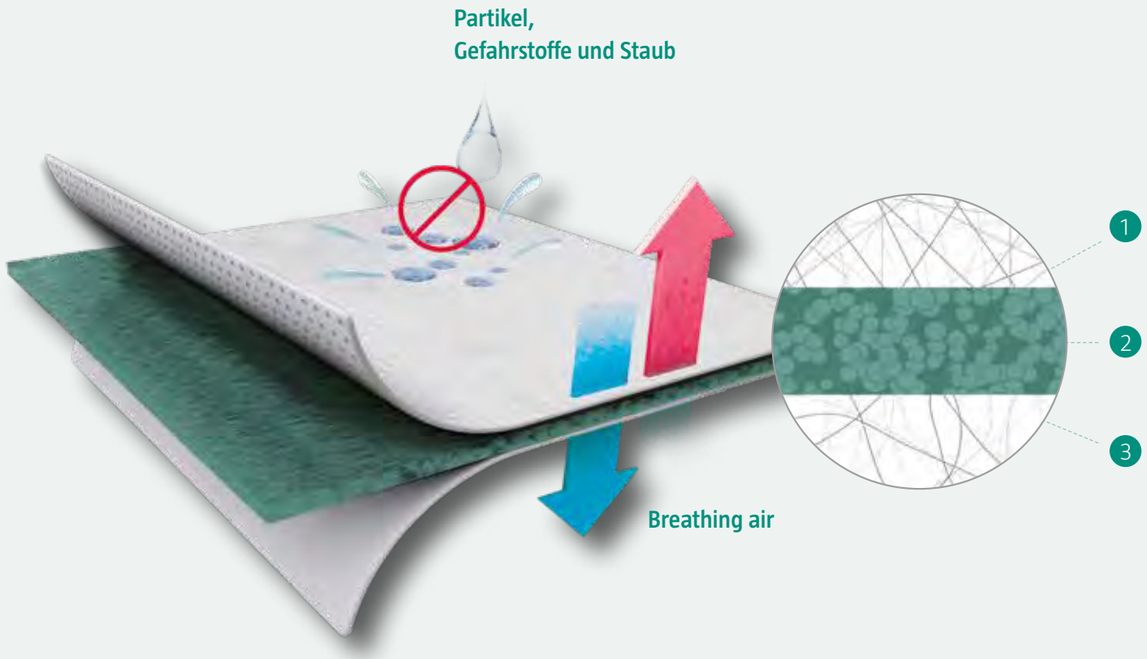
- individually adjustable headbands for perfect fit
- the large 360° exhalation valve allows for easy smooth breathing
- increased mask surface area ensures excellent particle particle distribution and offers the highest wearing comfort, even with longer wearing time
- additional dolomite dust test for highest breathing comfort even with heavy particulate matter

REF	Colors	Protection class
243SV		FFP3 NR D

Safe personnel and patient protection
Surgical masks from DACH

Professional protection of patients and staff is increasingly more important. The primary purpose of surgical masks is to protect patients. In addition, however, they should also protect the user as far as possible. This is by no means a matter of course and is by no means the case with all products on the market. All **surgical masks from DACH** meet the requirements of the European standard EN 14683:2019 +AC:2019, guaranteeing optimum protection for both patients and healthcare professionals while providing maximum wearing comfort.

Exemplary material structure of a DACH medical face mask protective fleece



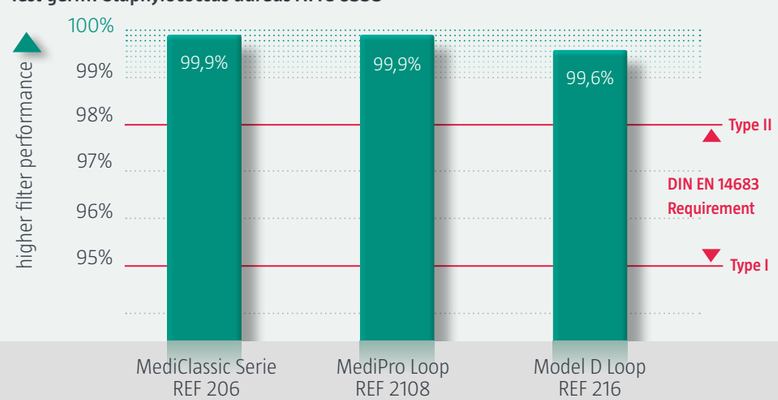
1 **Liquid repellent Outer material:**
Effective protection against infectious liquids

2 **Innovative filter media**
The high-performance microbial filter prevents the passage of bacteria and other microorganisms that are hazardous to health.

3 **Soft inner material:**
The hypoallergenic and super soft inner layer guarantees best skin tolerance and highest wearing comfort.

Average bacterial filtration performance of DACH surgical masks

Tested according to DIN EN 14683:2019+AC:2019
Test germ: Staphylococcus aureus ATTC 6538



Best of

- Medical device according to Regulation (EU) 2017/745
- meets all requirements of **DIN EN 14683:2019+AC:2019**
- Skin compatibility according to medical pro tested according to medical product standard **ISO 10993**
- Proven design for easy and safe use
- high filter performance with low breathing resistance

High quality
Made in Germany at a competitive

It exceeds normative requirements and reliably helps prevent nosocomial infections in hospitals by significantly reducing the spread of germs by the wearer. High filter performance and low breathing resistance guarantee maximum safety with the greatest wearing comfort. The "**Model D Loop**" is available in classic blue and various other uplifting colors. Buying masks "Made in Germany" ensures sustainable production in Germany - so that we are prepared for the next pandemic.

REF	Model	Verpackt	Karton
216	Model D Loop, Typ IIR	50 Stk./Box	1100 pcs.
216/5	Model D Loop, Typ IIR	5 Stk./Bag	350 pcs.

Available colors blue, pink, lilac

Model D *Loop Type IIR*

- Type IIR "Made in Germany" Medical Face Mask.
- Latex-free, hypoallergenic, anatomically shaped face-mask with easily modelable nosepiece
- With ear loops for easy on and off

REF	Colors	Protection class
216		Type IIR

Model D *Loop Type IIR*

Model D Loop as a handy pack of 5. Practical to take along in the bag, which at the same time protects the masks from contamination.

- Type IIR "Made in Germany" Medical Face Mask.
- Latex-free, hypoallergenic, anatomically shaped face-mask with easily modelable nosepiece
- With ear loops for easy on and off

REF	Colors	Protection class
216/5		Type IIR

Sophisticated design
State of the art technology

The **MediClassic** is a family of high quality surgical masks from DACH Protective Clothing. All masks in this family meet and exceed regulatory requirements. Masks from the MediClassic series are part of the basic equipment of every medical facility. Masks from this series meet the highest performance requirements (Type II R) for liquid resistant masks and can be used in all surgical applications to protect the patient against infectious germs and to protect the wearer against splashes, possibly of contaminated liquids.

MediClassic *Splash Type IIR*

The MediClassic Splash offers not only professional protection for healthcare personnel, but also additional protection against high levels of liquid.

It features a non-reflective, anti-fog eye shield. The elastic ear loops allow quick and safe handling

REF	Colors	Protection class
208G		Type IIR

MediClassic *Splash Type IIR*

The MediClassic Splash offers not only professional protection for healthcare personnel, but also additional protection against high levels of liquid.

As a sister model to item 208G, this mask is attached to the back of the head with tie straps. This guarantees a comfortable and secure fit even over a long period of time.

REF	Colors	Protection class
209G		Type IIR

MediClassic *Loop Type IIR*

Basic equipment for every medical facility. Exceeds standard requirements for optimal protection of the patient and the user.

Latex-free elastic ear loops ensure quick, easy donning and doffing. A stable nose clip closes tightly in the nose area. High filter performance and low breathing resistance guarantee maximum safety with maximum wearing comfort.

REF	Colors	Protection class
206		Type IIR

MediClassic *Excel Typ IIR*

The MediClassic Excel, with its stable tie straps, is a high-quality medical face mask for professional use in clinics or medical practices. It reliably protects the wearer from splashes of infectious liquids and the patient from germs of the wearer.

Like all masks in the MediClassic family, it meets and exceeds the regulatory requirements for liquid-resistant masks.

REF	Colors	Protection class
207		Type IIR

MediClassic *Color Typ IIR*

MediClassic Color brings all the advantages of the MediClassic series and captivates with good-humored colors that bring refreshing variety to everyday life.

The skin-friendly, allergen-free product has also been tested for biocompatibility and given the top rating of „0 (zero)“. High filter performance and low breathing resistance guarantee maximum safety with the greatest wearing comfort.

REF	Colors	Protection class
203		Type IIR

For professional use
High quality and comfortable to wear

Whether the requirement is for a particularly smooth inner fleece or the most elegant appearance possible - DACH has the right mask for every application. Innovative materials combined with the proven design offer exactly the product characteristics that the user wants: reliability, comfort and efficiency.

MediPro *Loop Type IIR*

The MediPro Loop from DACH Schutzbekleidung is a particularly high-quality medical face mask for professional use.

The inner layer is made of a particularly smooth and skin-friendly material. Whether 3-day beard or particularly sensitive skin: it is very comfortable to wear.

Of course, all technical and normative requirements for a type IIR mask are met or exceeded.

REF	Colors	Protection class
2108		Type IIR

Medical Face Mask *Type IIR*

The Medical Face Mask combines technical know-how and style. The inside is white, so the correct orientation of the mask is clear. Comfortable, wide ear loops ensure quick, easy donning and doffing.

- High filter performance and low breathing resistance guarantee the highest highest safety with the greatest wearing comfort.
- A sturdy nosepiece closes tightly in the nose area.

REF	Colors	Protection class
204		Type IIR

Op Mask *Type II*

The type II mask reliably reduces the spread of germs by the wearer of the mask to third parties. Use is possible everywhere where liquid splashes are not expected. Compared to type IIR masks, the breathing resistance is thus lower.

- Natural latex-free elastic ear loops allow for quick quick and easy donning and doffing.
- A sturdy nosepiece closes tightly in the nose area.

REF	Colors	Protection class
202		Type II

All DACH masks
in direct comparison

Our DACH masks can be seen. The table below shows you quickly and clearly which mask corresponds to which protection class, category or standard and for which application it is suitable. Take your pick, you will definitely find what you are looking for.

WE KEEP YOU SAFE since 1996

Respirators

REF	FFP2	FFP3	Dolomite test	Diffuser: NaCl 95 l/min	Diffuser: Paraffinic oil 95 l/min	Breathing resistance: Inhalation 95 l/min	Exhalation valve	Certification as medical Face Mask Type IIR	Special features
253	X		X	0,84%	< 6,00 %	0,70 mbar		X	
257		X	X	0,07 %	0,10 %	1,00 mbar		X	
255	X		X	0,84%	< 6,00 %	0,68 mbar		X	
256		X	X	0,07%	0,10 %	1,00 mbar		X	
272	X		X	1,00%	1,50 %	0,60 mbar		X	
273		X	X	0,20%	0,50 %	0,50 mbar		X	
205	X			0,03%	0,11%	1,40 mbar			
238V	X		X	1,50%	3,80 %	1,20 mbar	X		
242D	X		X	0,17 %	0,80 %	1,13 mbar			*
242DAV	X		X	0,18 %	0,61 %	1,60 mbar	X		** ***
242F	X		X	0,19 %	0,74 %	1,07 mbar			
242FV	X		X	0,15 %	0,43 %	1,32 mbar	X		
243F		X	X	0,07 %	0,23 %	1,56 mbar		X	
243FV		X	X	0,19 %	0,23 %	1,56 mbar	X		
245	X			0,89 %	3,40 %	1,24 mbar			
245V	X			0,38 %	2,29 %	1,16 mbar	X		
245CV	X			0,38 %	2,29 %	1,16 mbar	X		***
246V		X		0,10 %	0,27 %	1,66 mbar	X		
242S	X		X	0,20 %	1,1 %	1,30 mbar			
242SV	X		X	0,20 %	0,95 %	1,30 mbar	X		
243SV		X	X	0,06 %	0,15 %	1,80 mbar	X		

Surgical masks

REF	Classification according to EN 14683:2019+AC:2019	Filter efficiency (BFE)	Ear loops	Ties	Visor
216	TYP IIR	99,6 %	X		
206	TYP IIR	99,9 %	X		
2108	TYP IIR	99,9 %	X		
207	TYP IIR	99,9 %		X	
208G	TYP IIR	99,9 %	X		X
209G	TYP IIR	99,9 %		X	X
203	TYP IIR	99,9 %	X		
204	TYP IIR	99,9 %	X		
202	TYP II	99,8 %	X		

* Metal-free and valve-free! Ideal for use where there is a risk of explosion and strong magnetic fields, also for patients.

** Metal-free! Ideal for use in the presence of explosion hazards and strong magnetic fields.

*** Special mask against unpleasant odors as well as low concentrations of organic vapors!

High-quality headgear for hygienic product protection and operational safety

Wherever hygiene is important, headgear is in use. They are an effective measure against contamination and contribute to operational safety.

Safety first
in a variety of models and colors

Our products offer you double safety, as they have been tested twice: DACH uses only nonwoven fabric that is kind to the skin and free of harmful substances to manufacture its headgear. All materials have been subjected to additional tests beyond the legal requirements. These rule out numerous allergic reactions and offer maximum wearing comfort.

Additional safety - for employees and production

ISO 10993-5:2009: Cytotoxicity tests – Proof of body compatibility (biocompatibility).

EN ISO 3071:2006: Determination of the pH value* f the aqueous extract of textiles.

EN ISO 105-E04: Tests for color fastness - Part E04: Color fastness to perspiration.

EN 14362: Determination of certain aromatic amines from azo dyes.

** The pH value is in the skin-friendly, weakly acidic range between 6.5 and 6.7: in this respect, it even achieves product class I according to Oeko-Tex Standard 100, textiles for babies.*

HEADGEAR

WE KEEP YOU SAFE since 1996

Skin friendly and tested for harmful substances
Exceeds the highest quality standards

DACH beret-shaped caps are simple products with great effect. The lightweight non-woven material is very breathable and tear-resistant, so that the offer maximum comfort over a long period of time. As medical products, they are an effective means of preventing contamination not only for the manufacturing industry and foodstuffs, but also for healthcare facilities facilities. In addition, they protect the wearer from tangling hair in the wearer's immediate working environment.

ClipCap

Headgear made of skin-friendly non-woven fabric, tested for harmful substances, with latex-free rubber and space-saving shirred design. Available in two packaging types: Box or pouch. Universal use for e.g. clinic, food industry, pharmaceuti-cal industry, catering.

REF	Colors	Size	Category
101, 102		Ø 50 cm	MD Class I , PPE CAT I

ClipCap DT

The ClipCap DT is a hood specifically designed to meet the requi-rements of food and pharmaceutical production. These are not only made of soft non-woven fabric and a latex-free, synthetic elastomeric elastic, but also have an integrated metal strip that can be detected by detector machines. The ClipCap DT not only meets all requirements for Category I Personal Protec-tive Equipment (PPE) under Regulation (EU) 2016/425, but also offers the added benefit of detectability.

REF	Colors	Size	Category
103		Ø 50 cm	PPE CAT I

Bouffant Cap

Headgear made of skin-friendly and soft non-woven fabric: Extremely soft and highly breathable material, free of harmful substances and hypoallergenic. Far exceeds regulatory require-ments. Two packaging options are available: Box or Bag

Universally applicable e.g. in hospitals, food and pharmaceuti-cal industry, cosmetics industry, commercial kitchens and food processing.

REF	Colors	Size	Category
111, 113		Ø 53 cm	MD Class I , PPE CAT I
114, 115		Ø 61 cm	MD Class I , PPE CAT I

Achieve purity, experience comfort
DACH cleanroom hood

Every movement causes particles to be detached from clothing, skin and hair and to be stirred up. No rule of conduct can protect against this as effectively as cleanroom clothing. Our cleanroom hood offers optimum protection in any position thanks to its flex zone. The optimal collar length can be perfectly combined with protective clothing. The cleanroom hood also provides optimum protection when wearing glasses. hood provides optimum protection. Wearing a respirator mask is also possible without any problems.

Cleanroom hood

Disposable hood made of extra thin and air-permeable non-woven fabric with shoulder cover. Its "flex-zone" shape ensures freedom of vision and good hold with every movement. This hood provides all-round protection. The material used is antistatically treated: no sparks are produced when the hood is removed. Recommended in ISO 7 to 9 clean rooms.

REF	Color	Category
180W		PPE CAT I

Cleanroom hood *Highlights*

Special disposable hood
made of extra thin and air-permeable non-woven fabric

Antistatic treatment
The material used is antistatically treated. there are no sparks when removing the hood.

Optimal collar length:
Perfectly combinable with protective clothing

Special flex zone:
Guarantee for a clear view with every movement

High air permeability:
Increases the acceptance of wear

Free face zone
Can be worn with respiratory and eye protection withoutproblems

Special requirements
Matching product solutions

At DACH there is a suitable hood for every application. To offer a special level of flexibility, there are some hoods in the range that go beyond the protection of the hair. You will also find the right products here for covering facial hair.

TriCap

Helmke Drum test confirms cleanroom suitability.
TriCap for clean room applications: Three settings for variable face coverage including beard zone.

REF	Color	Category
126		PPE CAT I

TwinCap

The TwinCap from DACH Schutzbekleidung is a disposable head cover made of soft and air-permeable non-woven fabric with a simple integrated mouth and nose protector with a moldable nose clip.

Versatile protection in industry and slaughterhouses for carriers and products.

REF	Color	Category
125W		PPE CAT I

Beard Cover

Made of soft, comfortable non-woven fabric, with natural latex-free head rubber band. Among other things, to protect your products from contamination by hair, especially for beard wearers.

Conforms to the HACCP concept.

REF	Color	Material
200W		(PP) Polypropylen

HEADGEAR

WE KEEP YOU SAFE® since 1996

Disposable caps made of spunbond, nylon or foil
Light and comfortable

Wherever hygiene is to be maintained - be it in food processing or in healthcare are an important part of workwear. Various lightweight materials help to ensure that they remain comfortable to wear, even over longer periods of time. All incorporated elastics are free of natural latex and therefore particularly skin-friendly.

Balloon cap

The SAFE® balloon cap made of soft, breathable, hypoallergenic PP non-woven fabric with natu-ral latex-free elastic provides a high level of wearing comfort.

Elastic band only at the back:
No pinching rubber on the forehead - comfort all day.

REF	Colors	Size	Category
161		Ø 50 cm	PPE CAT I

Hairnet

A polyamide headgear with a pleasant honeycomb structure, very breathable and washable. Natural latex free elastic band.

Ideal for use in warm working environments. Universal appli-cation in production facilities or beauty salons.

REF	Colors	Size	Category
151		Ø 50 cm	PPE CAT I

Hairnet with Peak

The hairnet with peak made of polyamide with honey-comb structure is very breatha-ble and washable. The umbrella is made of strong PP non-wo-ven fabric. Slim fit cut, suitable also for long hair.

Natural latex free elastic band only at the back: No pinching rubber on the forehead - comfort all day.

REF	Colors	Size	Category
155		Ø 50 cm	PPE CAT I

ShowerCap

Disposable waterproof cap in beret shape made of PE film. Ideal for use in wet areas, e.g. hotels or beauty salons.

REF	Colors	Size	Category
190	Transparent	Ø 50 cm	PPE CAT I

Astronaut shaped caps

Precisely fitting all-round protection

The **MediCaps** have been developed for the specific requirements in operating rooms, intensive care units and surgery environments and are manufactured with the greatest care in accordance with Regulation (EU) 2017/745 on medical devices. They are made of high-quality non-woven polypropylene. All materials used are skin-friendly, free of harmful substances and latex. Tested according to ISO 10993-5:2009.

Medi*Cap AstroEco*

Astronaut-shaped surgical hood provides all-round protection for hospital staff as well as for industrial useage. Our proven cut ensures optimal visibility with complete freedom of movement.

All materials used comply with the regulatory requirements of the Medical Devices Ordinance and are skin-friendly, hypoallergenic, free of harmful substances and natural latex and tested according to ISO 10993-5.

REF	Color	Category
121G		MD Class I

Medi*Cap AstroEco*

WITH SWEATBAND

Astronaut shaped surgical hood with sweatband provides all-round protection for hospital staff and for use in industry. Due to the soft sweatband, the hood offers increased wearing comfort.

Manufactured from high quality nonwoven fabric and with the utmost care in accordance with the regulatory requirements of the Medical Device Regulation. All materials used are skin-friendly, hypoallergenic, free of harmful substances and natural latex and tested according to ISO 10993-5.

REF	Color	Category
122G		MD Class I

All DACH HEAD COVERINGS
in direct comparison

Headgear is as diverse as its applications. To help you keep an overview, the table below shows you a quick and clear direct comparison of all the properties.

REF	Size	Bag	Box	Color	Medical device	Feature
101	Ø 50 cm	X			X	
102	Ø 50 cm		X		X	
103	Ø 50 cm	X				*
111	Ø 53 cm	X			X	
113	Ø 53 cm		X		X	
114	Ø 61 cm	X			X	
115	Ø 61 cm		X		X	
180W	uni.	X				**
126	uni.	X				**
125W	uni.	X				
200W	45 x 23 cm	X				
161	Ø 50 cm	X				
151	Ø 50 cm	X				
155	Ø 50 cm	X				
190	Ø 50 cm	X		Transparent		
121G	uni.	X			X	
122G	uni.	X			X	***

* With detector strip.
** Antistatic treated.
*** With sweatband on the forehead.

Comfortable, properly dressed and well protected

Awareness of the need for occupational safety and health has changed fundamentally in recent years. In addition to business and economic reasons, there is now also an ethical and moral obligation in favor of legal regulations and investment in occupational safety measures. For many companies and industries, functional protective clothing is an important aspect of daily work. Safe, hygienic and healthy work is the basic requirement in the food industry, in the healthcare sector as well as in chemical laboratories. DACH offers a wide range of workwear for these purposes.

Protective gown from DACH
Well protected according to EN 14126

Due to the heterogeneity of microorganisms, it is not possible to predict which organisms employees will be exposed to in detail and which risk group they belong to. Therefore, the European standard **EN 14126** defines specific requirements for materials of protective clothing against infectious agents. Their main tasks are to protect the wearer's skin from possible contact with infectious agents and to prevent the spread of germs.

Areas of application

- Hospitals, healthcare facilities, emergency rooms
- Microbiology laboratories
- Biotechnology industry
- Sewage workers, waste disposal
- Emergency cleaning

EN 14126 c overs the following material tests:

ISO 16603, ASTM F 1670
(Resistance to penetration with synthetic blood)

Class	Hydrostatic pressure at which the material passes the test
6	20 kPa
5	14 kPa
4	7 kPa
3	3,5 kPa
2	1,75 kPa
1	0 kPa[a]

[a] The material is only exposed to the hydrostatic pressure of the liquid in the test cell.

14126 Anhang A, EN ISO 22610
(Resistance to penetration by infectious agents)

Class	Breakthrough time t [min]
6	t > 75
5	60 < t ≤ 75
4	45 < t ≤ 60
3	30 < t ≤ 45
2	15 < t ≤ 30
1	t ≤ 15

ISO 16604, ASTM 1671
(Resistance to penetration with bacteriophage virus)

Class	Hydrostatic pressure at which the material passes the test
6	20 kPa
5	14 kPa
4	7 kPa
3	3,5 kPa
2	1,75 kPa
1	0 kPa[a]

[a] The material is only exposed to the hydrostatic pressure of the liquid in the test cell.

ISO 22611
(Resistance to penetration with liquid aerosols)

Class	Penetration ratio (log)
3	log > 5
2	3 < log ≤ 5
1	1 < log ≤ 3

EN ISO 22612
(Resistance to the penetration of contaminated solid particles)

Class	Penetration (of the KBE)
3	≤ 1
2	1 < log of the KBE ≤ 2
1	2 < log of the KBE ≤ 3

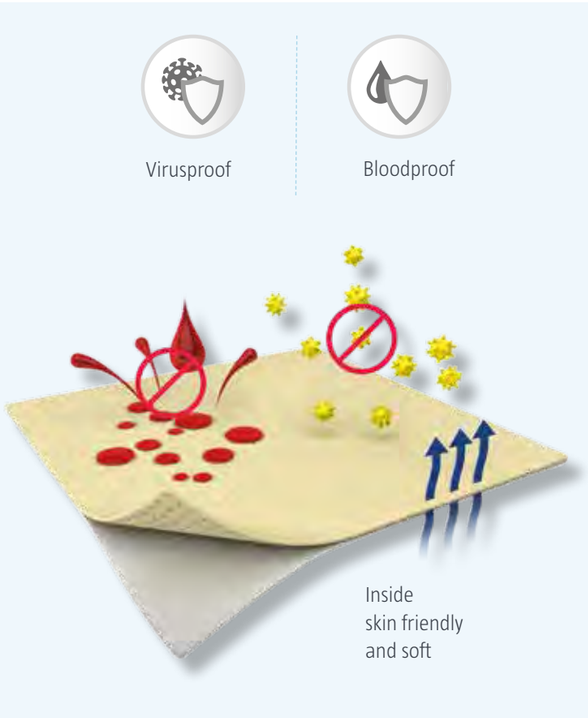
BODY PROTECTION

WE KEEP YOU SAFE® since 1996

High-tech materials
High level wearing comfort

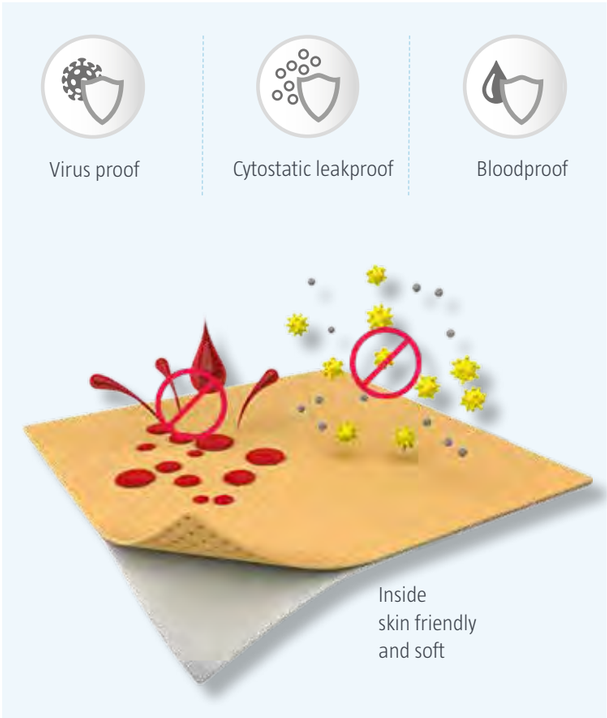
With their innovative high-performance **Splash+** and **Zytex®** materials, the protective gowns of the **SAFE®** series offer maximum protection in professional environments. All disposable gowns are maintenance-free due to their single use and thus offer increased safety and protection. Thanks to their signal color coding, they are easy to handle and quick to identify. You save valuable time and effort in your daily routine.

Material structure *Splash+*



Splash+: Achieves the highest protection class in the relevant standards in each case. Very light and therefore comfortable to wear. The limited breathable coating prevents the penetration of blood and viruses.

Material structure *Zytex®*



Zytex®: Achieves the highest protection class in each of the relevant standards and has also been successfully tested with cytostatic agents in accordance with ISO 6529 (resistance to permeation by liquid chemicals).

Splash*Coat+*

Front side and sleeves made of blood- and virus-proof Splash+, back side made of air-permeable fleece. With elastic cuffs and tie belt, generous cut. Ideal for long-term use in wet areas when maximum breathability is required.

Bloodproof Virusproof Arm rubber

REF	Colors	Length	Category
421		136 cm	MD Class I , PPE CAT I

Splash*Coat pro+*

Like SplashCoat+, Splashcoat pro+ is coated only on the front and sleeves and the back is made only of breathable non-woven fabric. However, instead of elastic cuffs, this gown has soft and elastic knit cuffs on the sleeves for even more comfort. In 3 different lengths as well as sizes: M = 110 cm, L = 136 cm, XL = 145 cm.

Bloodproof Virusproof elastic cuffs

REF	Colors	Length	Category
422		M - XL	MD Class I , PPE CAT I

BODY PROTECTION

WE KEEP YOU SAFE® since 1996

Infection protection gown
Body protection made easy

SAFE® infection control gowns are made of high quality **Zytex®** or **Splash+**, do not require cleaning, are easy to use, allow great time savings in everyday life while meeting the highest hygiene requirements. They protect against MRSA and norovirus infections. The signal color allows easy differentiation from other area clothing. The **SAFE®** infection control gown product series combines optimum protection, maximum wearing comfort and cost-effectiveness at the highest level.

PE Examination Gown

PPE + MD

ecoComfort®

The ecoComfort® PE examination gown is made of a very resistant PE film. The material has been tested against the penetration of blood and viruses in accordance with EN 14126.

The examination gown has a belt around the waist area. The sleeves are provided with thumbholes, which ensure a perfect fit even during movement.

Bloodproof, Virusproof, Thumbhole

REF	Colors	Length	Category
621		120 cm	MD Class I , PPE CAT I

IsoCoat *Zytex®*

PPE + MD

CAT 3

This protective gown is certified as Category III PPE as protective clothing against liquid chemicals and against infectious agents type PB [6]-B. The gown reliably protects against blood, viruses, bac-teria, contaminated particles and liquid aerosols. And has been successfully subjected to a material test according to ISO 6529 against the permeation of cytostatics. In 3 different lengths as well as sizes: M = 120 cm, L = 130 cm, XL = 140 cm.

Bloodproof, Virusproof, Cytostatic leakproof, elastic cuffs, TYP 6, EN 14126

REF	Colors	Length	Category
435		M - XL	MD Class I , PPE CAT III

IsoCoat *Zytex®360*

PPE + MD

SAFE®

The SAFE® IsoCoat Zytex®360 consists of our high-performance Zytex® material all around.

Zytex® is a tested material according to EN 14126 against permeation by blood, viruses, bacteria, contaminated particles, liquid aerosols, and according to EN ISO 6529 against permeation by cytostatic drugs.

Bloodproof, Virusproof, Cytostatic leakproof, elastic cuffs

REF	Colors	Length	Category
425Y		130 cm	MD Class I , PPE CAT I

IsoCoat

PPE + MD

CAT 3

The SAFE® IsoCoat is a protective gown that offers maximum all-round protection - back and front! It protects the wearer against blood, viruses, bacteria, contaminated particles and liquid aero-sols according to EN 14126. The gown is maintenance-free due to its single use, providing increased safety and protection. With tie straps around neck and waist and elastic cuffs. In 3 different lengths: M = 115 cm, L = 120 cm, XL: 140 cm.

Bloodproof, Virusproof, elastic cuffs, EN 14126

REF	Colors	Length	Category
437		M - XL	MD Class I , PPE CAT III

IsoCoat *Zytex®360*

PPE + MD

SAFE®

The longer version of the IsoCoat Zytex® 360. Due to the extra length, the gown continues to cover the legs up to below the knees even when sitting.

Bloodproof, Virusproof, Cytostatic leakproof, elastic cuffs

REF	Colors	Length	Category
426Y		160 cm	MD Class I , PPE CAT I

BODY PROTECTION

WE KEEP YOU SAFE® since 1996

SAFE® Cleanroom gown Pro
Safe, comfortable, electrostatically dissipative

The **Cleanroom gown Pro** leads the field of uncoated disposable gowns with its special three-layer material structure and its numerous laboratory tests. The nonwoven material of all disposable gowns is skin-friendly and very breathable. For the laboratory, for the isolation ward, for the clean room, for pharmaceutical or food production - we offer a wide range of gowns for various applications and for various purposes.

EcoCoat

The disposable gown made of non-woven polypropylene is equipped with latex-free rubber cuffs and tie belt. It complies with the HACCP concept. An inexpensive product for use in hospital and vvder industry.

In 2 different lengths: M = 115 cm, XL = 130 cm

Arm rubber

REF	Colors	Length	Category
410		M, XL	MD Class I , PSA KAT I

cleanroom gown *Pro*

The SAFE® Cleanroom Gown Pro is a cleanroom gown tested according to IEST-RP-CC003.3
(Helmke Drum, Category II) made of high-quality and strong tri-laminate, with natural latex-free rubber cuffs and closable lapel collar. On the inside there is a practical breast pocket. Snaps in front for convenient dressing. Suitable for ISO clean rooms of classes 7 to 9.

Arm rubber TYP 6 EN 1149-1

REF	Colors	Length	Category
474		105 cm	PPE CAT III

EcoCoat *Pro*

The disposable EcoCoat pro is the slightly improved version of our EcoCoat. The elastic knit cuffs provide improved comfort for the user. With the generous cut, this gown offers great mobility for all.

In 2 different lengths: M = 115 cm, L = 130 cm

elastic cuffs

REF	Colors	Length	Category
411		M, L	MD Class I , PPE CAT I

cleanroom gown

The disposable gown is made of strong non-woven fabric with latex-free rubber cuffs, closable lapel collar and press studs. This gown complies with the HACCP concept.

In 2 different lengths: M = 100 cm, L = 105 cm

Arm rubber

REF	Colors	Length	Category
472		M, L	PPE CAT I

Inspection gown

The SAFE® inspection gown is available in various colors. The wide range of colors minimizes the risk of confusion and simplifies work organization. It is made of non-woven fabric, with natural latex-free elastic cuffs and Velcro front closure for comfortable dressing. Generous cut for best freedom of movement.

Arm rubber

REF	Colors	Length	Category
455		115 cm	PPE CAT I

Almost too good to throw away

Disposable gowns and protectors in thoughtful design

Coated or all-foiled gowns are the ideal solution for quick and comfortable protection in wet areas.

Bib-Apron

The ecoComfort® bib apron is made of PP non-woven fabric with a PE coating. This makes these aprons water-repellent, comfortable and particularly tear-resistant.

REF	Colors	Length	Category
615		105 cm	PPE CAT I

PE-Visitor Gown

The PE visitor gown is made of white PE film. The collar and the front of the gown can be securely closed with the press studs. The seams are welded. The gown is individually packed in a PE bag.

REF	Colors	Length	Category
491		125 cm	PPE CAT I

Shirts and pants
Comfort and function

Disposable examination clothing made of skin-friendly nonwoven fabric offers a hygienic and functional solution for daily use in practices and clinics and can be disposed of easily after the examination. Hygiene regulations are complied with, privacy is maintained, and well-being is enhanced.

Kimono

ecoComfort®

Patent garment made of soft, air-permeable and opaque non-woven fabric. With tie straps in the front for easy dressing. Also suitable for wellness, cosmetic and physiotherapeutic applications.

In 2 different lengths: L = 120 cm, XL = 140 cm

REF	Colors	Length	Category
418		L, XL	MD Class I , PPE CAT I

Surgical Shorts

ecoComfort®

Hygienic and functional solution for daily use, can be easily disposed of after the examination.The overlap of the examination slot closes the opening before the examination and guarantees a smooth examination process.

In 2 different lengths: uni. = 60 cm, XXL = 70 cm.

REF	Colors	Length	Category
712		uni. , XXL	PPE CAT I

Surgical Shorts+

ecoComfort®

Colonoscopy pants with flap made of skin-friendly non-woven fabric, offers a hygienic and functional solution for daily use, can be easily disposed of after the examina-tion.The cover of the examination slit closes the opening with Velcro before the examination and guarantees a smooth exami-nation process.

In 2 different lengths: uni. = 60 cm, XXL = 70 cm.

REF	Colors	Size	Category
713		uni. , XXL	PPE CAT I

Pull-on Trousers

SAFE®

Disposable pants with latex-free waist and elastic waistband. Generous cut for optimal freedom of movement. Together with the slip-on shirt, it provides all-round protection. Use for nursing staff or in production.

In 2 different lengths: plain. L = 120 cm, XL = 130 cm

REF	Colors	Size	Category
751		L, XL	PPE CAT I

Pull-on Shirt

SAFE®

The disposable slip-on shirt with natural latex-free elastic band at the end of the sleeves is made of skin-friendly and very soft non-woven fabric. With the gene-rous cut, it offers a good fit for everyone. In combination with the slip-on pants, it offers all-round protection with high agility. Also usable as a children's visitor coat.

elastic cuffs

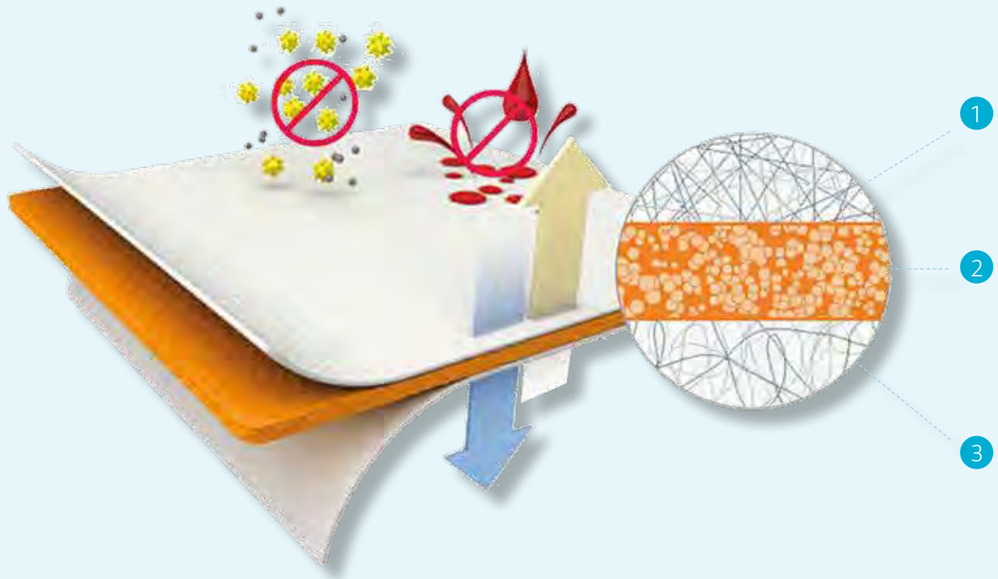
REF	Colors	Size	Category
752		uni.	PPE CAT I

Protective suits from DACH

Most reliable full body protection

Protective coveralls come in different varieties and hazard levels, as diverse as the purposes for which they are used. There are coveralls that protect against simple hazards and those that are designed to protect the user optimally against biological and chemical hazards. Protective coveralls have been developed for use in the pharmaceutical industry, medicine and biotechnology, among others. These place high demands on microbiological purity and contamination control. Whether it is for the production of pharmaceuticals or the protection of the wearer in an isolation ward, you are optimally protected.

Exemplary material structure of an AllSafe protective suit



1 **Outside:**
Protective layer provides secure protection against liquids, chemicals and oils

2 **Microfilter media:**
Forms an effective barrier against dusts and aqueous aerosols

3 **Inside:**
Absorbs sweat and does not stick to the skin

Innovatives Material für maximalen Tragekomfort

The three-layer breathable material of the AllSafe suit provides high functionality, which means reliable protection for the wearer against small amounts of liquid chemical and toxic particles with pleasant wearing comfort. The soft, skin-friendly material forms a barrier that actively filters out particles from the wearer's environment through the micro-filtering media.The outside is tear resistant and liquid repellent. The inside absorbs moisture and keeps the wearer dry.

Risk categories of the PPE Regulation (EU) 2016/425

An important aid in choosing the right protective suit is provided by Regulation (EU) 2016/425 for personal protective equipment. This defines three hazard categories according to areas of use:

- **Category I:** Simple protective equipment for minor risks.
- **Category II:** Protective equipment for defense against risks that do not correspond to category I or III.
- **Category III:** Protective equipment for risks that can lead to very serious consequences such as death or irreversible damage to health related to the following.

Within category III, protection classes have been defined to make it easier for the user to choose the appropriate protective suits for the particular application:

TYP 3 **Liquid tight protective clothing**

TYP 4 **Spray proof protective clothing**

TYP 5 **Particle protection**

TYP 6 **Limited Spray-tight Protective clothing**

Information about EN standards:

EN 1149-1 **EN 1149-1: Protective clothing - electrostatic properties**

Part 1: Test method for the measurement of surface resistance.

EN 13034 **EN 13034: Protective clothing against liquid chemicals**

Performance requirements for chemical protective clothing with limited protective performance against liquid chemicals (clothing type 6).

EN 14605 **EN ISO 13982: Protective clothing against solid particles**

Part 1: Performance requirements for chemical protective clothing providing full body protection against airborne solid particles (Type 5 clothing).

EN ISO 13982 **EN 14605: Protective clothing against liquid chemicals**

Performance requirements for chemical protective suits with liquid-tight (type 3) or spray-tight (type 4). Connections between parts of the garment, including garments that provide protection only for parts of the body.

EN 14126 **EN 14126: Protective clothing**

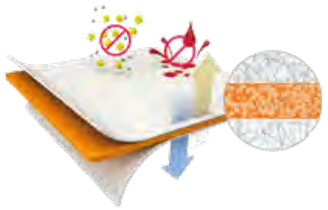
Performance requirements and test methods for protective clothing against infectious agents.

EN 1073-2 **EN 1073-2: Protective clothing against radioactive contamination**

Part 2: Requirements and test methods for non-ventilated protective clothing against radioactive contamination by solid particles.

Selection guide

Size	Body height (in cm)	Chest circumference (in cm)
S	162–170	84–92
M	168–176	92–100
L	174–182	100–108
XL	180–188	108–116
XXL	186–194	116–124
XXXL	192–200	124–132



DACH AllSafe protective suit
for industrial and cleaning works

The protective suit **AllSafe** is a perfect combination of protective effect and wearing comfort with an excellent price-performance ratio. The material used is lightweight, permeable to air and water vapor. The water vapor permeability supports the heat transfer from the body to the outside. Even during longer periods of use, the material is very well accepted by the user. The multilayer composite material combines mechanical stability and tear resistance with high resistance to chemicals.
and is electrostatically dissipative.

AllSafe protective suit

Product description

Outside:
Barrier against particles and small amounts of liquid chemicals and oil.

Type class:
Chemical protection suits of type class 5+6 are among the most commonly used protective suits in everyday work. (For increased liquid protection, a type class 4B suit such as the BioSafe, REF 561 is recommended).

Processing
The AllSafe protective suit from DACH consists of a body part, long sleeves, and long trouser legs, which ensure a perfect fit and high freedom of movement thanks to their ergonomic cut.

Zipper
The two-way zipper is equipped with a self-adhesive zipper cover strip. The zipper extends to the chin and covers the neck area.

Breathable
The breathable material is particularly low-linting.

Inside
Absorbs sweat and does not stick to the skin.

REF	Colors	Size	Category
571		M – XXXL	PPE CAT III

KAT 3 EN 1149 TYP 5 TYP 6 EN 1073-2

DACH AllSafe+ Protective Suit
for pharmaceutical, healthcare and biotechnology

The AllSafe+ protective suit offers reliable protection against small amounts of liquid chemicals as well as infectious agents. With an inside made of soft nonwoven fabric and an outside made of breathable film, the protective suit offers a high level of wearer comfort. Extensive material and product testing guarantee consistently high quality. The multilayer composite material combines mechanical stability, tear resistance with high resistance to chemicals and is electrostatically dissipative.

AllSafe+ protective suit

Product description

Outside:
Barrier against infectious agents, particles and small amounts of liquid chemicals and oil.

Type class:
Chemical protective suits of type class 5+6 are among the most frequently used protective suits in everyday work. AllSafe+ also provides protection against infectious agents through an additional coating. (For increased liquid protection, a type class 4B suit such as BioSafe, REF 561 is recommended).

Processing
The AllSafe protective suit from DACH consists of a body part, long sleeves, and long trouser legs, which ensure a perfect fit and high freedom of movement thanks to their ergonomic cut.

Zipper
The two-way zipper is equipped with a self-adhesive zipper cover strip. The zipper extends to the chin and covers the neck area.

Breathable
The breathable material is particularly low-linting.

Inside
Absorbs sweat and does not stick to the skin.

REF	Colors	Size	Category
572		M – XXXL	PPE CAT III

KAT 3 EN 1149 TYP 5 TYP 6 EN 14126 EN 1073-2

BODY PROTECTION

DACH BioSafe®-protective suit
for chemistry and pharma

The **BioSafe®** chemical protective suit was developed to provide the user with optimum protection against biological and chemical hazards without restricting freedom of movement. The multilayer composite material combines mechanical stability, tear resistance and high resistance to liquids and chemicals. **BioSafe®** is spray-tight, particle-tight, limited splash-tight. It protects against infectious agents and radioactive particles, oils and lubricants. The 3-piece hood design ensures a good fit and more comfort.

BioSafe® protective suit

Product description

Ergonomic hood design:
Not only the perfect fit, but also the reliable material ensures your safety with the BioSafe - Optimal fit and less leakage.

Zipper
The two-way zipper is equipped with a self-adhesive zipper cover strip. The zipper extends to the chin and covers the neck area. The self-adhesive zipper cover prevents penetration of liquids or particles.

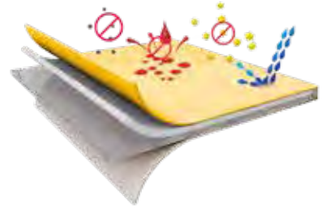
Neck cover
Wide neck cover provides increased protection.

Material
The inside is soft, skin-friendly non-woven fabric, made of multilayer fine fiber and microfiber non-woven polypropylene. The outer side is covered with microporous PE film, which is breathable and liquid repellent.

Knit cuffs and thumb loops
On the sleeves are soft knit cuffs, which are also equipped with a thumb loop.

REF	Colors	Size	Category
561		M – XXXL	PPE CAT III

KAT 3 EN 1149 EN 1073-2 EN 14126 TYP 4 TYP 5 TYP 6



DACH ChemSafe-protective suit
for industry and cleaning

DACH's ChemSafe protective suit is designed to protect the user from biological and chemical hazards without restricting freedom of movement. The multi-layer composite material combines mechanical stability and tear resistance with high resistance to liquids and chemicals. Not only the perfect fit, but also the reliable material ensures your safety with the ChemSafe.

ChemSafe protective suit

Product description

Ergonomic fit
Not only the perfect fit, but also the reliable material ensures your safety with the BioSafe - Optimal fit and less leakage.

Zipper
Two overlapping zippers provide maximum barrier function, which is completed by a self-adhesive zipper cover strip. The zipper extends to the chin and covers the neck area. The self-adhesive zipper cover prevents penetration of liquids or particles.

Neck cover
Wide neck cover provides increased protection.

Material
The innovative material effectively prevents the penetration of liquids, particles and other microorganisms that are hazardous to health.

thumb loops
Elastic thumb loops at the ends of the sleeves, in combination with protective gloves, provide reliable protection during all movements

REF	Colors	Size	Category
54		M – XXXL	PPE CAT III

KAT 3 EN 1149 EN 1073-2 EN 14126 TYP 3 TYP 4 TYP 5 TYP 6

DACH Overall Easy protective suit

Lightweight full body protection

Simple protective suit made of non-woven polypropylene fabric with hood. Breathable and tear-resistant, with covered zipper, in white color. Use as simple dust protection, for inspection work, gardening, construction work, car repair, dirty work, industrial cleaning, for the visitor or for product protection. The suit does not protect against hazardous substances or harmful biological agents.

Overall Easy protective suit

Product description

Materials

The material used is made of tear-resistant and breathable non-woven material. All materials used are free of irritants. The non-woven material is made of 100% polypropylene, the elastic is made of polyurethane - elastomers and is free of natural latex.

Zipper

The zipper is equipped with a zipper cover strip. The zipper extends to the chin and covers the neck area.

Possible applications

- Protection against dust
- Inspection work
- Gardening
- Construction work
- Car repair
- soil-intensive work
- industrial cleaning
- for visitors
- Protection of your production goods

REF	Colors	Size	Category
52		L – XXXL	PPE CAT I

DACH Overall Classic protective suit

Rugged full body protection

The SAFE® coverall Classic is made of very tear-resistant, strong and breathable fleece material. This coverall has a high collar, concealed zipper and hood. The SAFE® Coverall Classic is a great solution for protection against dusts and other minimal risk applications, offered at an excellent value. It does not protect against hazardous substances or harmful biological agents.

Overall Classic protective suit

Product description

Materials

The material used is made of tear-resistant and breathable non-woven material. All materials used are free of irritants. The non-woven material is made of 100% polypropylene, the elastic is made of polyurethane - elastomers and is free of natural latex.

Zipper

The zipper is equipped with a zipper cover strip. The zipper extends to the chin and covers the neck area.

Possible applications

- Protection against dust
- Inspection work
- Gardening
- Construction work
- Car repair
- soil-intensive work
- industrial cleaning
- for visitors
- Protection of your production goods

REF	Colors	Size	Category
53		L – XXXL	PPE CAT I

BODY PROTECTION

WE KEEP YOU SAFE since 1996

Complete hygiene protection
started at the base

Here you will find disposable sleeve protectors and overshoes in a wide variety of designs, from simple hygiene protection to non-slip and electrostatically dissipative shoe covers.

PP-Shoe Covers

The water-repellent and tear-resistant PP overshoes are made of extra-strong polypropylene fleece and offer a high level of protection against contamination. The openings are hemmed with PE reinforced elastic bands. The generous cut makes this shoe cover suitable for all sizes and types of shoes.

REF	Colors	Size	Category
920		uni.	PPE CAT I

PP-Shoe Covers with anti-slip coating

Disposable shoe covers made of strong non-woven polypropylene material with anti-slip coating on the sole. Tear resistant material. Ideal for putting on when entering clean rooms with slippery floors.The openings are hemmed with elastic bands. Thanks to generous cut suitable for all sizes and types of shoes.

REF	Colors	Size	Category
931		uni.	PPE CAT I

PP-Shoe Covers with anti-slip outsole

Shoe cover made of extra strong non-woven fabric with anti-slip and stable PE outsole.The openings are hemmed with elastic bands. For covering when entering clean rooms and also wet areas. An optimal solution to avoid contamination and to protect against wetness.

Conforms to the HACCP concept.

REF	Colors	Size	Category
925, 926		uni.	PPE CAT I

SafeGuard overshoes

PPE category III partial body protection

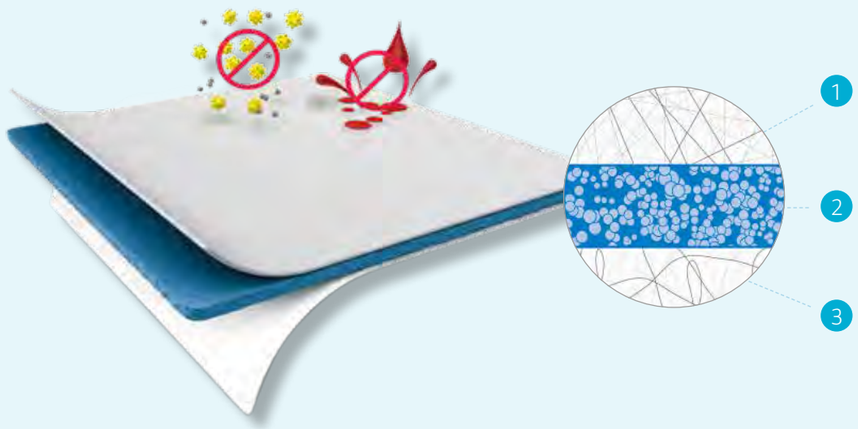
SafeGuard shoe and boot covers provide extra protection for cleanrooms, laboratories, and the pharmaceutical and food industries. As **certified category III PPE**, they offer PB-type chemical partial body protection [6] and have also been tested for particle immunity using **the Helmke-Drum test. Suitable for ISO cleanrooms of classes 7 - 9.**

Advantages at a glance

- Rubber cuff for an optimal hold
- Slip-resistant sole for secure footing - even on a slippery floors
- Suitable for clean room from class 7
- Very good fit

Material structure

1. **Outside:** Liquid repellent
2. **Microfilter:** Barrier against dusts
3. **Inside:** Additional barrier against dusts and liquids



SafeGuard

with anti Slip sole

The water-repellent, electrostatically dissipative overshoes made of extremely robust trilaminate offer a high level of protection against contamination. With welded seams, they ensure a secure all-round barrier against dusts and liquids.

Tested according to IEST-RP-CC003.3 (Helmke Drum, Category II).

KAT 3 TYP PB[6] EN 1149-5 EX

REF	Colors	Size	Category
973		uni.	PPE CAT III

SafeGuard *Boot*

With elastic band for best hold

with anti Slip sole

These disposable electrostatic dissipative overshoes in boot form are made of extremely robust PP trilaminate and offer a high level of protection against contamination.

The elastic at the ankle area ensures a good grip. With ultrasonically welded seams, these overboots are an excellent all-around barrier against dusts and liquids.

KAT 3 TYP PB[6] EN 1149-5 EX

REF	Colors	Size	Category
974		uni.	PPE CAT III

Foil overshoes
Waterproof and tear resistant

Foil **overshoes** offer protection in wet environments. The robust foil reliably withstands friction when walking.

PE-Shoe Covers

ecoComfort®

waterproof

The DACH shoe covers made of PE film are waterproof and therefore provide excellent protection in wet environments. The openings are reinforced with elastic bands that guarantee the perfect fit and closure. With an excellent price-performance ratio.

REF	Colors	Size	Category
941		uni.	PPE CAT I

PE-Shoe Covers XL

ecoComfort®

waterproof

Extra large overshoes made of sturdy PE film are waterproof and therefore provide excellent protection in humid environments. The strong elastic straps at the opening ensure a good grip. Particularly suitable for use in wet areas, e.g. commercial kitchens, food or pharmaceutical industries, clinics. An inexpensive solution to prevent contamination. Suitable for the HACCP concept.

REF	Colors	Size	Category
952		XL	PPE CAT I

PE-Boot Cover

ecoComfort®

waterproof

Practical, water-repellent disposable boot covers made of very strong and transparent PE film offer excellent protection against contamination in wet environments. With an elastic band around the boot shaft, these boot covers guarantee a perfect fit and excellent coverage.

REF	Colors	Size	Category
980	Transparent	XL	PPE CAT I

Additional protection
Reliable gauntlets and overshoes

If in a certain situation that little extra is missing to achieve complete protection, DACH can help with its wide range of overshoes and sleeves. The StandSafe **overshoes** offer the greatest anti-slip effect due to their special PVC sole. With the **sleeve cuffs** you have the choice between robust fleece or liquid-impermeable foil.

StandSafe

These water-repellent overshoes made of SMS fleece offer a high level of protection against contamination. The robust and durable anti-slip sole offers increased safety on slippery

slippery surfaces.

REF	Colors	Size	Category
976		uni.	PPE CAT I

StandSafe Boot

The boot covers with robust and durable anti-slip sole provide increased safety on slippery surfaces.Elasticated ankle area ensures a good grip.

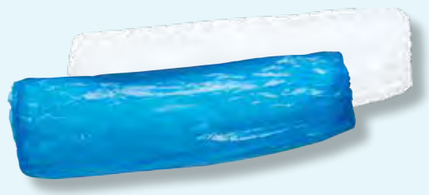
REF	Colors	Size	Category
977		uni.	PPE CAT I

PP-Sleeves

The disposable sleeve cuffs are water repellent and consist of a tear-resistant protective cover made of polypropylene fleece with elastic bands on both sides for maximum protection.

REF	Colors	Size	Category
650		17/21 x 43 cm	PPE CAT I

PE-Sleeves



DACH sleeve cuffs are made of PE film and are disposable, liquid-impermeable protective sleeves with elastic on both sides.

REF	Colors	Size	Category
651		20 x 40 cm	PPE CAT I

BODY PROTECTION

All DACH Body Protection Products
in direct comparison

Body protection products are as diverse as their applications. Mostly they are worn in combination to ensure the highest possible protection. Our overview table shows at a glance which protection classes, PPE categories and dimensions our products have, so you can quickly find the right products.

	REF	Product series	PPE Category I	PPE Category III	Medical device class I	Protection class	EN 14126	ISO 6529	Knitted cuff	Length
Protective gown	421	SplashCoat+	X		X		X*			136 cm
	422	SplashCoat pro+	X		X		X*		X	110 - 145 cm
	435	IsoCoat Zytex®		X	X	Typ PB [6]-B	X	X	X	120 - 140 cm
	437	IsoCoat		X	X	Typ PB [6]-B	X	X	X	115 - 140 cm
	621	PE Examination Gown	X		X		X**			120 cm
	425	IsoCoat Zytex® 360	X		X		X*	X	X	130 cm
	426	IsoCoat Zytex® 360	X		X		X*	X	X	160 cm
	474	Cleanroom gown pro		X		Typ PB [6]				105 cm
Disposable gown	472	Cleanroom gown	X							100 - 105 cm
	410	EcoCoat	X		X					115 - 130 cm
	411	EcoCoat pro	X		X				X	115 - 130 cm
	455	Inspection Gown	X							115 cm
	615	Bib-Apron	X							106 cm
	491	PE-Visitor Gown	X							125 cm
	418	Kimono	X		X					120 - 140 cm
Shirts & Pants	712	Surgical Shorts	X							65 cm
	713	Surgical Shorts plus	X							60 - 70 cm
	751	Pull-on Trousers	X							120 - 130 cm
	752	Pull-on Shirt	X							85 cm
Protective suits	571	AllSafe		X		Typ 5/6				
	572	AllSafe+		X		Typ 5B, 6B	X			
	561	BioSafe®		X		Typ 4B, 5B, 6B	X		X	
	54	ChemSafe		X		Typ 3B, 4B, 5B, 6B	X			
	52	Overall Easy	X							
	53	Overall Classic	X							
Overshoes & Sleeve Cuffs	920	PP-Shoe Covers	X							40 cm
	931	PP-Shoe Covers	X							44 cm
	925, 926	PP-Shoe Covers	X							41 cm
	973	SafeGuard		X		Typ PB [6]				35 cm
	974	SafeGuard Boot		X		Typ PB [6]				35 cm
	941	PE-Shoe Covers	X							42 cm
	952	PE-Shoe Covers XL	X							42 cm
	980	PE-Boot Cover	X							37 cm
	976	StandSafe	X							41 cm
	977	StandSafe Boot	X							39 cm
	650	PP-Sleeves	X							43 cm
	651	PE-Sleeves	X							40 cm

* Meaning: Material test.

** Blood and virus tight according to ISO 16603 and ISO 16604.

Protection kits: Also individually prepacked for your purpose

DACH protection kits offer the best possible all-round protection. They are easy to store, quick to handle, reduce logistical effort and can be used immediately in an emergency. In addition to a standard range of protective kits, from simple visitor kits to infection control sets, DACH protective sets can also be individually assembled according to the user's requirements.

Pandemic readiness includes wearing suitable protective clothing, such as respiratory protection, eye or face protection, protective gowns, protective suits, gloves and overshoes. As a complete solution, we offer the DACH Pandemic Sets in various combinations for different areas of use.

Just the right protective clothing

To optimize the work processes

Often a protective suit or mask is not enough: Many purposes require a combination of personal and medical protective equipment. To make the selection easier, DACH offers various protective sets as a complete solution, containing all the necessary products for the respective purpose. products are included.

Risk categories of the PPE Regulation (EU) 2016/425

Directive 89/686/EEC on personal protective equipment provides important help in choosing the right protective suit. This defines three hazard categories according to areas of use:

- **Category I:** Simple protective equipment for low hazards.
- **Category II:** Protective equipment for the prevention of hazards that do not correspond to category I or III.
- **Category III:** Complex protective equipment for highrisks, to protect against lethal hazards or serious, irreversible damage to health.

Within category III, protection classes have been defined to make it easier for the user to choose the appropriate protective suits for the particular application:

TYP 3 **Liquid tight Protective clothing**

TYP 5 **Particle protection**

TYP 4 **Spray tight Protective clothing**

TYP 6 **Limited spray tight Protective clothing**

Information über EN Normen:

EN 1149-1

N 1149-1: Protective clothing - electrostatic properties

Part 1: Test method for the measurement of surface resistance.

EN 13034

EN 13034: Protective clothing against liquid chemicals

Performance requirements for chemical protective clothing with limited protective performance against liquid chemicals (clothing type 6).

EN 14605

EN ISO 13982: Protective clothing against solid particles

Part 1: Performance requirements for chemical protective clothing that provides full body protection against airborne solid particles (Type 5 clothing).

EN ISO 13982

EN 14605: Protective clothing against liquid chemicals

Performance requirements for chemical protective suits with liquid-tight (type 3) or spray-tight (type 4). Connections between parts of the garment, including garments that provide protection only for parts of the body.

EN 14126

EN 14126: Protective clothing

Performance requirements and test methods for protective clothing against infectious agents.

EN 1073-2

EN 1073-2: Protective clothing against radioactive contamination

Part 2: Requirements and test methods for unventilated protective clothing against radioactive contamination by solid particles.

Selection guide

Size	Body height (in cm)	Chest circumference (in cm)
S	162–170	84–92
M	168–176	92–100
L	174–182	100–108
XL	180–188	108–116
XXL	186–194	116–124
XXXL	192–200	124–132

Protection Kit Chem
maximum all-round protection

The Protection Kit Chem offers the highest level of liquid protection against hazardous chemical substances and protects against viruses and bacteria.

Protection kit Chem

Product description

1 x ChemSafe Protective suit
CAT III, Type 3B/4B/5B/6B

1 x Respirator with valve
CAT III, FFP3 NR D

1 Pair of chemical protective gloves
CAT III, EN 388, EN 374

1 Pair of disposable gloves
CAT III, MD Class I, EN374, EN455,

1 x safety goggles with indirect ventilation
Antifog, CAT. II, EN 166

1 Pair PE boot cover
liquid-proof, CAT. I

1 x Biohazard disposal bag
(70 l)

1 x Cable tie

Specs for the protective suit :

CAT 3 | TYP 3 | TYP 4 | TYP 5 | TYP 6 | EN 14126 | EN 1073-2 | EN 1149

REF	Size
9002	M – XXXL

Pandemic Basic Protection Kit
Ready-to-use basic protection

The Pandemic Basic Protection Kit provides all products to protect the wearer from pathogens in a pandemic situation. Complete protection with rapid dressing and undressing.

Pandemic Basic Protection Kit

Product description

1 x IsoCoat Zytex® 360
CAT I, MD Class I, Material testing against cytostatics, blood and viruses

1 x ubiQ³
CAT III, MD Class I, FFP3 NR D, Type IIR

1 Pair of disposable gloves
Long cuff, CAT III, MD Class I, EN 374, EN 455

1 x OptiProtect Face shield
CAT II, against liquid splashes

Specs for the protective suit :

Bloodproof | Virusproof | Cytostatic leakproof | elastic cuffs

REF	Size
9008	uni.

Protection Kit Rescue+

When every minute counts

The Protection Kit Rescue+ provides protection against viruses and bacteria and is spray-proof against chemical hazards.

Protection Kit Rescue+

Product description

1 x BioSafe Protective suit
CAT III, Type 4B, 5B, 6B

1 x Respirator with valve
CAT III, FFP3 NR D

2 Pair of disposable gloves
CAT III, MP Kl. I, EN 374, EN 455

1 Pair of PE overshoes
liquid-proof, CAT I

1 x Biohazard disposal bag
(70 l)

1 x Cable tie

Specs for the protective suit :

KAT 3 TYP 4 TYP 5 TYP 6 EN 14126 EN 1073-2 EN 1149

REF	Size
9012	M – XXXL

Protection Kit Patient Transport

Practical, comfortable, effective

The Protection Kit Patient Transport was specially developed for use in the clinical transport sector.

Protection Kit Patient Transport

Product description

Protective gown SplashCoat pro+
CAT I, MD Class I, Material testing against blood and viruses, partially coated

1 x Respirator mask ubiQ³®
CAT III, MD Class I, FFP3 NR D, Type IIR

1 x Bouffant Cap
CAT I, MD Class I

Specs for the protective suit :

Bloodproof Virusproof elastic cuffs

REF	Size
9014	L – XL

Protection Kit Patent Transport+

Reliable protection against infection

The Patient Transport+ Protection Set was specially developed for use in clinical transport. It provides the user with extended protection against viruses, bacteria and spray quantities of bodily and chemical fluids.

Protection Kit Patent Transport+

Product description

1 x BioSafe® Protective coverall
CAT III, Type 4B/5B/6B

1 x High-Risk-Mask
CAT III, FFP3 NR D

1 pair of PE shoe covers
liquid-proof, CAT I

Specs for the protective suit :

KAT 3 TYP 4 TYP 5 TYP 6 EN 14126 EN 1073-2 EN 1149

REF	Size
9017	M – XXXL

Protection Kit Avian Flu

The veterinary protection set

The bird flu protection set offers all-round protection against viruses and bacteria as well as small amounts of chemical liquids.

Protection Kit Avian Flu

Product description

1 x BioSafe® Protective coverall
CAT III, Typ 4B/5B/6B

1 x Respirator with valve
CAT III, FFP3 NR D

2 pairs of disposable gloves GentleSafe
CAT III, tested according to EN374-1, EN374-2, EN420, EN455, AQL 1.5, powder-free, latex-free

1 x safety goggles with indirect ventilation
CAT II, EN 166

1 pair of PE boot covers
liquid-proof, CAT I

1x Biohazard disposal bag
(70 l)

1 x Cable tie

Specs for the protective suit :

KAT 3 TYP 4 TYP 5 TYP 6 EN 14126 EN 1073-2 EN 1149

REF	Size
9047	M – XXXL

Protection Kit Pro
Universal complete protection

The Protection Kit Pro is a universal kit that reliably protects the user from small amounts of spray spray quantities of liquid chemical hazardous substances, aerosols and dust.

Protection Kit Pro

Product description

1 x AllSafe Protective coverall
CAT III, Type 5/6

1 x respirator ubiQ³®
CAT III, MD Class I, FFP3 NR D, Type IIR

2 pairs of disposable gloves
CAT III, MD Class I, EN 374, EN 455

1 x safety goggles with indirect ventilation
Antifog, CAT II, EN 166

1 pair of PE boot covers
liquid-proof, CAT I

1 x Biohazard disposal bag
(70 l)

1 x Cable tie

Specs for the protective suit :

KAT 3 TYP 5 TYP 6 EN 1073-2 EN 1149

REF	Size
9004	M – XXXL

Protection Kit Pro+
Particle protection from head to toe

The Protection Kit Pro+ reliably protects the user from small amounts of sprayed liquid chemical hazards, aerosols and dust and, thanks to the respirator with exhalation valve, it can be worn valve, it can also be worn comfortably over longer periods of time.

Protection Kit Pro+

Product description

1 x AllSafe Protective coverall
CAT III, Typ 5/6

1 x respirator with valve
CAT III, FFP3 NR D

2 pairs of disposable gloves
CAT III, MD Class I, EN 374, EN 455

1 x safety goggles with indirect ventilation
Antifog, CAT II, EN 166

1 pair of PE boot covers
liquid-proof, CAT I

1 x Biohazard disposal bag
(70 l)

1 x Cable tie

Specs for the protective suit :

KAT 3 TYP 5 TYP 6 EN 1073-2 EN 1149

REF	Size
9003	M – XXXL

Visitors Kit
Uncomplicated hygiene solution

The DACH Visitors Kit consists of an inspection gown and a balloon cap, together in a hygienically and practically sealed in a bag. The optimal opportunity for an appealing, image-appropriate presentation to customers and visitors. Conforms to the HACCP concept.

Visitors Kit

Visitor set consists of:

1 x inspection gown
1 x bouffant cap

Specs for the protective gown :

elastic cuffs

REF	Size	Color
9015	uni	

Non-woven sheet and Stretcher Sheet
Practical with easy handling

DACH disposable sheets help to make stretchers, couches or beds quickly ready for use at any time. Depending on the situation, there are coated or uncoated, as well as non-reinforced or 48-thread-count reinforced sheets. They are disposed of immediately after use and replaced with a new sheet to constantly maintain the hygienic condition stretcher, couch or bed.

Non-woven sheet

Efficient protection for ambulance transports

Disposable sheets provide efficient and hygienic protection for emergency services, nursing and elderly care facilities, and healthcare practices. Practical folding ensures quick and easy handling. Made of tear-resistant, water-repellent fleece. Skin-friendly, breathable, washable up to 30 °C.

REF	Size
3001	160 x 240 cm

Stretcher Sheet

Simple, fast and hygienic

Combination of absorbent cellulose and a liquid impermeable film. Disposable sheets provide economical and hygienic protection of stretchers, couches or beds. For ambulance transport, care of the elderly and sick, as well as artz practices. The quality with a practical folding ensures quick and easy handling

REF	Size	Amplification
3008	80 x 210 cm	48-fach

All DACH-Protection Kits
in direct comparison

DACH always provides you with the exact set of protective clothing you need for your operation in a protective set. The table below provides a quick overview of the most critical set components: protective suit, respiratory protection, hand protection and eye protection. If you need a configuration that differs from the listed sets, you can always contact our customer service to create a customized protective set.

REF	protection kits	protective gown	respirator mask	hand protection	eye protection
9002	Protection Kit Chem	CAT III Type 3B/4B/5B/6B	FFP3 NR D with valve	2 pairs: 1 pair CAT III, EN 374, EN 455 and 1 pair of chemical protective gloves Typ A	Full view safety goggles CAT II, EN 166
9008	Pandemic Basic Protection Kit	CAT I protective gown EN 14126 Materialtest	FFP3 NR D Type IIR	1 pair of disposable gloves CAT III, EN 374, EN 455, long cuff	disposable face shield CAT II, against splashes of liquids
9012	Protection Kit Rescue+	CAT III Type 4B/5B/6B	FFP3 NR D with valve	2 pairs of disposable gloves CAT III, EN 374, EN 455	
9014	Protection Kit Patient Transport	CAT I protective gown EN 14126 Materialtest	FFP3 NR D Type IIR		
9017	Protection Kit Patient Transport+	CAT III Type 4B/5B/6B	FFP3 NR D		
9047	Protection Kit Avian Flu	CAT III Type 4B/5B/6B	FFP3 NR D with valve	2 pairs of disposable gloves CAT III, EN 374, EN 455	Full view safety goggles CAT II, EN 166
9004	Protection Kit Pro	CAT III Type 5/6	FFP3 NR D Type IIR	2 pairs of disposable gloves CAT III, EN 374, EN 455	Full view safety goggles CAT II, EN 166
9003	Protection Kit Pro+	CAT III Type 5/6	FFP3 NR D with valve	2 pairs of disposable gloves CAT III, EN 374, EN 455	Full view safety goggles CAT II, EN 166
9015	Visitors Kit				

HAND PROTECTION

We rely without compromise on our hands

Protective gloves from DACH offer a safe and comfortable choice of protective gloves. The comprehensive range of protective gloves is designed to protect your hands from potential hazards while ensuring optimal dexterity.

Whether in industrial or healthcare settings, our gloves combine state-of-the-art materials and high quality to give you the ultimate protection without compromising functionality. Discover the different options tailored to your individual needs and set a new standard for hand protection and performance.

Protective gloves
Suitable protection for your activity

When things go wrong, it's often our hands that get hurt, since most work is done with our hands. Safe and effective protection of our hands is therefore extremely important. To help you choose the right product, we have provided explanations of glove standards and a chemical resistance list for liquid-tight gloves on the following pages. According to Regulation (EU) 2016/425, the employer must examine and assess the risks at the workplace and provide employees with appropriate protective equipment.

Information about EN standards:

Special EN standards for protective gloves for each field of application

In addition to the general requirements for sizes and markings, there are standards for comparative tests, for example, on mechanical, insulating properties or chemical resistance. To help you with your selection, you will find an explanation of all the pictograms that appear in our glove our glove program.

EN 21420: General requirements for protective gloves

EN 21420

This standard specifies the relevant test methods to be used for all protective gloves and the general requirements and marking to be made. It is to be used in conjunction with the specific standards for the areas of application.

AQL: Acceptable Quality Level (Acceptable Quality Level)

AQL 1,5

The acceptable quality limit indicates how high the maximum proportion of defective parts in a batch may be without negative conclusions having to be drawn with regard to quality for the entire production. A sampling system is defined for reliable quality assurance. The AQL number, a percentage indication of the permissible proportion of defects in the batch, and the inspection level determine whether a production meets the quality standards. The sampling inspection procedures and their acceptable quality limits are described in five parts of ISO 3951. The representative part must be used depending on the quality characteristic(s) and necessary sampling procedures.

EN 455: Medical gloves for single use

EN 455

Part 1: Establishes requirements and leak testing for single-use medical gloves.

Part 2: Specifies requirements and test methods of physical properties of single-use medical gloves (length, width and tear strength).

Part 3: Specifies requirements for the evaluation of the biological safety of disposable medical gloves as part of risk management in accordance with EN ISO 10993.

Part 4: Specifies requirements for the minimum shelf life of single-use of single-use medical gloves.

Vinyl gloves?
Good for health, the environment and your budget?

Vinyl gloves are cheap, but are made of PVC. To make PVC pliable, the plasticizer diethylhexyl phthalate (DEHP) is added. Test results show that vinyl gloves are unsuitable for food contact and cause dermal exposure. The phthalate plasticizers are suspected of being carcinogenic. In addition, PVC is a stable chemical compound that does not decompose. When burned, it produces highly toxic dioxins. The ingredients of soft PVC can leach into groundwater and thus harm the environment. DACH has withdrawn vinyl gloves from its sales program for these reasons.

Risk categories of the PPE Regulation (EU) 2016/425

EN 407

A B C D E F

Testing		Power level			
		1	2	3	4
Large quantities of liquid metal	Quantity of liquid metal (g)	30	60	120	200
Small splashes of liquid metal	Number of drops	≥ 10	≥ 15	≥ 25	≥ 35
Radiant heat	Heat transfer (s)	≥ 7	≥ 20	≥ 50	≥ 95
Convective heat	Heat transfer index (s)	≥ 4	≥ 7	≥ 10	≥ 18
Contact heat	Contact temperature (°C)	100	250	350	500
	Threshold time (s)	≥ 15	≥ 15	≥ 15	≥ 15
Burning behavior*	Afterburning time (s)	≤ 20	≤ 10	≤ 3	≤ 2
	Afterglow time (s)	n.v.	≤ 120	≤ 25	≤ 5

EN 407:

X 1 X X X X

* If the burning behavior has not been tested, the glove is marked with a different pictogram (see left) and withan "X" as the first performance indicator.

EN 388: Protective gloves against mechanical risks

This standard specifies all requirements and test methods for gloves for protection against mechanical risks. In particular, gloves are tested and evaluated for their abrasion, cut, tear and puncture resistance.

EN 388

A B C D E F*

Testing	Power level				
	1	2	3	4	5
Puncture force in N	20	60	100	150	–
Tear force in N	10	25	50	75	–
Cut resistance (factor)	1,2	2,5	5,0	10,0	20,0
Abrasion resistance (number of cycles)	100	500	2 000	8 000	–
Testing	**Protection level**				
	A	B	C	D	E	F
Cut resistance in N	2	5	10	15	22	30

*Optional: Additional marking with "P" if the impact test is passed.

EN 407: Protective gloves against thermal risks

All requirements and test methods are specified for gloves that protect the user against fire, contact heat, convective heat, radiant heat, and small and large quantities of liquid metal.

If an „X" is indicated instead of a digit, this means that this protective property was not tested because it was not relevant for the application.

HAND PROTECTION

Information about EN standards:

EN 511

A B C

Testing	Power level				
	0	1	2	3	4
Water tightness according to ISO 4675	not tight	tight	n.v.	n.v.	n.v.
Contact cold R (m2k/W)	n.v.	0,025 ≤ R < 0,05	0,05 ≤ R < 0,1	0,1 ≤ R < 0,15	0,15 ≤ R
Convective cold ITR (m2k/W)	n.v.	0,1 ≤ ITR < 0,15	0,15 ≤ ITR < 0,22	0,22 ≤ ITR < 0,3	0,3 ≤ ITR

EN 511: Protective gloves against cold

This standard contains specifications for gloves that are to protect the user from the cold. It defines convection cold, contact cold and water resistance are tested according to DIN ISO 15383.

EN 374: Protective gloves against chemicals and microorganisms

This standard specifies the properties of gloves to protect the user against chemicals and/or microorganisms. DIN EN 374 consists of five parts:

Part 1: Terminology and performance requirements

It specifies three protection classes for chemical protective gloves:

Type A: Protective glove has a permeation resistance of at least 30 minutes each for at least 6 test chemicals.

Type B: Protective glove has a permeation resistance of at least 30 minutes each for at least 3 test chemicals.

Type C: Protective glove has a permeation resistance of at least 10 minutes with at least 1 test chemical.

Part 2: Resistance to chemical penetration

This standard specifies a test method for the resistance of gloves that protect against chemicals and/or microorganisms.

EN 16523-1: Permeation through a liquid chemical in continuous contact (former part 3)

This standard deals with the determination of the resistance of materials for protective gloves to the permeation of potentially hazardous non-gaseous chemicals under the condition of continuous contact.

Part 4: Resistance to Degradation by chemicals

This standard specifies the test method for determining the resistance of materials for protective gloves to degradation by hazardous chemicals in continuous contact.

Part 5: Terminology and performance requirements for Risks due to microorganisms

This standard specifies the requirements and test methods for protective gloves intended to protect the user against microorganisms. Only gloves that have additionally passed a bacteriophage penetration test in accordance with ISO 16604:2004 (Method B) may be designated for protection against viruses. ("VIRUS").

ISO 374-1: 2016/Type A — A B C D E F

ISO 374-1: 2016/Type B — A B C

ISO 374-1: 2016/Type C

EN ISO 374-5:2016 — Gloves for protection against bacteria and fungi

EN ISO 374-5:2016 — Gloves for protection against bacteria and fungi and viruses — VIRUS

Chemical resistance list

Chemical	Glove material			
	Ni-tril	Latex	PVC/ Vinyl	Neo-pren
Acetaldehyde	+	+	+	+
Acetone	–	–	–	+
Acrylamide	++	+	+	+
Acrylic acid	–	–	–	–
Formic acid 10 %	–	+	+	+
Formic acid 50 %	–	+	+	+
Formic acid 90 %	–	–	–	+
Ammonia	++	+	–	+
Ammonium acetate	++	++	++	++
Amyl alcohol	+++	–	–	++
Benzene	–	–	–	–
Gasoline	++	–	–	–
Butyl acetate	–	–	–	–
Butyl alcohol	++	–	–	+
Butyl Ether	++	–	–	–
Chlorobenzene	–	–	–	–
Calcium hydroxide	+++	+++	+++	++
Chloronaphtha-lenes	–	–	–	–
Chloroform	–	–	–	–
Chromic acid 10 %	++	+	++	+
Dibutyl phthalate	+++	+	+++	–
Diethylamine	–	–	–	–
Diisobutylketon	++	–	–	–
Dimethylform-amide	–	+	–	+
Acetic acid 10 %	+	++	++	+++
Acetic acid 100 %	–	–	+	+
Ethidium bromide	++	+	–	+
Ethyl alcohol (ethanol)	+++	–	++	+++

Chemical	Glove material			
	Ni-tril	Latex	PVC/ Vinyl	Neo-pren
Ethylacetat	–	–	–	–
Ethylether	–	–	–	+
Fish oil	+++	+	+	+++
Hydrogen fluoride-acid 10 %	+	+	++	+
Hydrogen fluoride-acid 40 %	–	–	–	+
Formaldehyde 40 %	++	–	+	++
Glycerin	+++	+++	++	+++
Glycol ether	+	+	+	++
Isobutylalcohol	++	–	–	+++
Isopropyl alcohol	+++	–	–	++
Potash Lye	++	+++	+++	+
Kerosene	+++	–	–	+
Cresol	–	–	+	+
Machine oil	+	+	+	–
Methyl alcohol (methanol)	–	–	–	+
Methylamine	+	–	–	++
Methylene bromide	–	–	–	–
Methylethylketon	–	–	–	–
Methylisobutyl-keton	–	–	–	–
Mineral oil / Heating oil	+++	–	++	–
Sodium hypo-chloride	+++	++	++	+
Caustic soda 10 %	+++	+++	+++	+
Caustic soda 30 %	+++	+++	++	+
Octyl alcohol	+++	–	–	+++
Oleic acid	+++	–	+	++
Oxalic acid	++	++	++	++
Vegetable oil	+++	+	+	–

Chemical	Glove material			
	Ni-tril	Latex	PVC/ Vinyl	Neo-pren
Phenol	–	–	+	+++
Phosphoric acid 50 %	+++	+++	+++	++
Phosphoric acid 75 %	++	++	++	+
Propyl alcohol	++	–	–	+
Castor oil	+++	+	+++	++
Nitric acid 10 %	++	+	++	++
Nitric acid 30 %	–	+	–	+
Nitric acid 70 %	–	–	–	+
Hydrochloric acid 10 %	+++	+++	+++	++
Hydrochloric acid 20 %	++	++	++	++
Hydrochloric acid 38 %	++	+	++	++
Sulfuric acid 10 %	+++	+++	+++	+++
Sulfuric acid 30 %	+++	+++	++	++
Sulfuric acid 98 %	–	–	–	+
Heavy oil A	+++	–	–	–
Styrene	–	–	–	–
Tetrachloroethy-lene	–	–	–	–
Carbon tetrachloride	–	–	–	–
Animal oil	+++	+	+	–
Toluene	–	–	–	–
Trichloroethylene	–	–	–	–
Hydrogen-peroxide 5 %	++	+	++	–
Hydrogen-peroxide 30 %	++	+	++	–
Xylene	+	–	–	–
Citric acid	+++	+++	++	+

This table is only a guide and does not claim to be complete. Chemical resistance depends on numerous factors such as temperature, contact duration, concentration and glove thickness. We recommend carrying out a suitability test for each application. DACH Schutzbekleidung does not assume any obligations or liabilities in connection with the information given in this table.

+++ Very suitable ++ well suited + conditionally suitable – Not advisable

HAND PROTECTION

WE KEEP YOU SAFE® since 1996

Your safety:
In good hands with DACH protective clothing

GentleSafe® disposable chemical protective and medical examination gloves offer excellent grip safety, even when handling wet or moist objects. Excellent performance against chemicals, especially cytostatics and solvents, acids and bases, oxidizing agents, viruses, bacteria and fungi.

Powder-free - your safety comes first

Do not use powdered gloves!

New research shows that glove powder, as a carrier of the natural latex protein, contributes to the spread of latex allergy. The allergens enter the skin more quickly through the powder. In addition, the powder particles get into the air and onto the mucous membranes when the gloves are unpacked, put on and taken off. The product can also become contaminated in this way. We offer powder-free gloves only.

SAFE®

LATEX POWDER EN ISO 374-5:2016 VIRUS ISO 374-1: 2016/Typ B KPT EN 455 EN ISO 21420 AQL 1,5 Virusproof Cytostatic leakproof

GentleSafe® Nitrile

- Rolled edge
- Tested against cytostatics
- structured surface on fingers for better grip
- Shelf life 5 years
- powder-free

REF	Colors	Length	Category
883	⬜ 🟦 ⬛	240 mm	MD Class I, PPE CAT III

GentleSafe® EXTRA

- 10 additional chemicals tested
- Rolled edge
- Tested against cytostatic
- Shelf life 5 years

REF	Colors	Length	Category
884	🟦	300 mm	MD Class I, PPE CAT III

SAFE®

LATEX POWDER EN ISO 374-5:2016 VIRUS ISO 374-1: 2016/Typ C EN 455 EN ISO 21420 AQL 1,5 Virusproof Cytostatic leakproof

GentleSafe® Perform

- 200 pieces per box
- highest tactile sensitivity
- structured surface on fingers for better grip
- Rolled edge
- powder-free

REF	Colors	Length	Category
878	⬜ 🟦 ⬛	240 mm	MD Class I, PPE CAT III

GentleSafe® EXTRA

- Completely textured surface
- Rolled edge
- free from natural rubber
- powder-free

REF	Colors	Length	Category
879	⬜	300 mm	MD Class I, PPE CAT III

Optimal material composition

Excellent sensitivity and safe protection

Disposable gloves should fit over the hands and wrists like a protective second skin. At the same time, the sensitivity of the fingers is to be maintained and the hand is not to tire after prolonged wear. DACH disposable gloves consistently achieve the maximum performance level in dexterity tests.

SENSIFLEX PLUS

Latex surgical gloves, sterile, powder-free, roughened surface. Low protein content prevents allergic reactions. Unique polymer coating allows easy donning and doffing.

REF	Colors	Length	Category
880		295 mm	MD Class I

GentleSafe® Nitrile EXTRA

Resistant and secure grip

At 30 cm extra long, this protective glove made of highly elastic and resistant nitrile rubber is characterized by excellent resistance to chemicals and solvents. The textured surface on the fingers provides excellent grip, even when handling wet or moist objects. Best suited for laboratories, biotechnology, production and use of cytostatics, pharmacy, food industry, catering, hospitals (...).

- chemical resistant according to EN 374-3
- Acrylonitrile butadiene (free from natural latex)
- Powder-free
- ambidextrous with straight fingers
- textured surface on the fingers for better grip
- Rolled edge

REF	Colors	Length	Category
873		300 mm	MD Class I, PPE CAT III

GentleSafe® NT

Impervious to liquids and resistant

The nitrile glove „GentleSafe® NT 240“ is impervious to liquids and offers excellent resistance to chemicals and solvents.

The protective glove made of highly elastic and resistant nitrile rubber features excellent resistance to chemicals and solvents. The textured surface on the fingers ensures excellent grip, even when handling wet or moist objects. Permeation protection is thereby better than with latex gloves made of natural rubber of the same thickness.

- chemical resistant according to EN 374-3
- Acrylonitrile butadiene (free from natural latex)
- Powder-free
- ambidextrous with straight fingers
- textured surface on the fingers for better grip
- Rolled edge

REF	Colors	Length	Category
875		240 mm	MD Class I, PPE CAT III

HAND PROTECTION

Liquid tight gloves
For the most demanding applications

Protective gloves with a high degree of resistance to liquid chemicals.

TouchNTuff® 73-500

Sterile powder-free laboratory glove made of thin neoprene with rolled cuff. Polyurethane inner coating allows easy on/off with dry or wet hands. The construction and polymer wall thickness facilitate and increase comfort when double gloving.

REF	Colors	Length	Category
AN73-500		320 mm	PPE CAT III

EN ISO 374-5:2016 VIRUS · ISO 374-1: 2016/Typ B K L T · EN 421 · EN ISO 21420 · CAT 3 · AQL 0,65 · STERILE

TouchNTuff® 83-500

Sterile glove made of polyisoprene. The stretchability of the extremely soft polyisoprene film and the manufacture with new shapes based on the anatomy of the hand ensure a fit like a second skin and thus greater wearing comfort.

REF	Colors	Length	Category
AN83-500		300 mm	PPE CAT III

EN ISO 374-5:2016 VIRUS · ISO 374-1: 2016/Typ B K L T · EN 421 · EN ISO 21420 · CAT 3 · AQL 0,65 · STERILE

Microflex®

Disposable nitrile glove with extended cuff (400 mm). Powder-free. Textured grip profile. Wall thickness 0.12 mm. The cuff extended to the elbow (400 mm) provides additional protection of the forearms.

REF	Colors	Length	Category
AN93-243		400 mm	PPE CAT III

EN ISO 374-5:2016 VIRUS · ISO 374-1: 2016/Typ B K P T · EN ISO 21420 · CAT 3 · AQL 1,5

Sol-Vex®

The Sol-Vex® 37-676 performs particularly well in wet or dry environments. It combines ruggedness and chemical resistance to protect hands from multiple chemical hazards. The glove offers outstanding tear, puncture and abrasion resistance.

REF	Size	Length	Category
AN37-676	7 - 11	350 mm	PPE CAT III

EN ISO 374-5:2016 VIRUS · ISO 374-1: 2016/Typ A J K L O P T · EN 388: 2016 4 1 0 1 X · SO 18889 C 2 · EN ISO 21420 · CAT 3

AlphaTec®

With the AlphaTec® 87-190, allergy risks are reduced to a minimum due to the special treatment. The wall has a thickness of 0.35 mm, which means that an outstanding tactile feel can be provided.

REF	Size	Length	Category
AN87-190	7 - 10	305 mm	PPE CAT III

EN ISO 374-5:2016 VIRUS · ISO 374-1: 2016/Typ C · EN 388: 2016 1 0 1 0 X · EN ISO 21420 · CAT 3

SHOWA 731 EBT

Glove made of green nitrile rubber with Eco Best Technology and cotton velour finish. Good abrasion and puncture resistance, good chemical resistance to petroleum products, solvents and greases, among others. Biodegradable.

REF	Size	Length	Category
H172	7 - 11	355 mm	PPE CAT III

EN ISO 374-5:2016 · ISO 374-1: 2016/Typ A J K L O P T · EN 388: 2016 2 0 0 1 X · CAT 3

Pro-Chem Latex Plus

The Pro-Chem Latex Plus is made of a blend of neoprene and latex and has excellent resistance to acids and alkalis. The diamond profile on the palm provides a good wet and dry grip.

REF	Size	Length	Category
H173	8 - 10	400 mm	PPE CAT I

ISO 374-1: 2016/Typ A A K L N P T · EN 388: 2016 3 1 1 1 X · EN 420 · CAT 3

HAND PROTECTION

Liquid tight gloves
For professional use

In order to be optimally protected for every application, DACH offers a diverse selection of gloves made of different materials and with different lengths.

SHOWA 707HVO EBT

The 707HVO biodegradable gloves are an environmentally conscious choice as they degrade 82% in just 386 days when tested in the lab. However, this environmentally friendly alternative to disposable gloves does not mean compromising on functionality.

REF	Size	Length	Category
H174	7 - 11	305 mm	PPE CAT III

EN ISO 374-5:2016 — ISO 374-1: 2016/Typ A — EN 388: 2016 — CAT 3
J K L O P T 1 0 0 0 X

Pro-Chem-Neoblack

The Pro-Chem Neoblack is a black neoprene glove with a cotton velour.The glove provides protection against a variety of acids, alcohols and solvents. The diamond pattern on the palm provides excellent grip on dry and wet objects.

REF	Size	Length	Category
H354	8 - 11	330 mm	PPE CAT III

EN ISO 374-5:2016 — ISO 374-1: 2016/Typ A — EN 388: 2016 — CAT 3
J K L N P T 2 1 2 1 X

Pro-Clean Industry

These gloves are specially treated to reduce the risk of allergic reactions and skin infections.Made of yellow natural latex, these gloves provide excellent sensitivity and high tensile strength.

REF	Size	Length	Category
H534	9, 11	ca. 300 mm	PPE CAT III

ISO 374-1: 2016/Typ B — EN 388: 2016 — EN 420 — CAT 3
K P B 1 1 1 0 X

Showa 771

The chemical protective glove has a full nitrile coating with additional rough nitrile over the entire hand. The glove is designed to protect the hand and forearm from oil, hydrocarbon, grease and abrasion.

REF	Size	Length	Category
H620	8 - 10	300 mm	PPE CAT III

EN ISO 374-5:2016 — ISO 374-1: 2016/Typ B — EN 388: 2016 — CAT 3
J K L 4 1 1 1

Showa 772

Highly durable glove provides extended protection of the entire arm from hazards. Heat welded with eyelet for ventilation and hanging.

REF	Size	Length	Category
H621	8 - 10	650 mm	PPE CAT III

EN ISO 374-5:2016 — ISO 374-1: 2016/Typ B — EN 388: 2016 — CAT 3
J K L 4 1 1 1

Pro-Winter PVC

The Pro-Winter PVC glove is equipped with a seamless winter lining for thermal protection down to -20° C. This glove is liquid tight and protects against various harmful chemicals.

REF	Size	Length	Category
H152	9, 11	400 mm	PPE CAT III

EN ISO 374-5:2016 — ISO 374-1: 2016/Typ A — EN 388: 2016 — EN 511: 2006 — CAT 3
A K L M P T 4 1 3 1 X — 1 2 1

BULL WINTER

Suitable for work in cold environments. The glove Bull Winter is not only extremely robust due to the processed top cow grain leather, but also ideally suited for work in cold environments.

REF	Size	Length	Category
H153	9, 11	ca. 270 mm	PPE CAT II

EN 388: 2016 — CAT 2
4 1 2 3 X

HAND PROTECTION

Hand protection against mechanical hazards
for dealing with challenging working substances

Especially when it comes to hand protection, several hazards can occur at the same time. That is why DACH offers not only chemical protection gloves, but also gloves against heat, cold and mechanical hazards.

Showa 465

With a removable cotton/acrylic inner glove, the thermal glove protects against chemicals, even in cold environments. It protects against temperatures down to -20 °C and remains flexible in extreme temperatures. Its rough surface offers increased grip safety.

REF	Size	Length	Category
H154	8-10	300 mm	PPE CAT III

EN ISO 374-5:2016 (K L) · ISO 374-1: 2016/Typ C · EN 388: 2016 (3 2 2 1 X) · EN 511: 2006 (1 2 1) · EN 420 · CAT 3

Showa 8814

The heat-resistant gloves are designed to withstand temperatures up to 500 °F/260 °C. They retain their heat-resistant properties even after repeated washing.

REF	Size	Length	Category
H155	7-10	355 mm	PPE CAT II

EN 388: 2016 (2 2 4 2 X) · EN 407: 2006 (X 2 X X X X) · CAT 2

Pro-Water Winter

Seamless nylon glove with warm acrylic content and a double latex coating. Waterproof full coating of smooth latex with additional roughened latex coating for grip.

REF	Size	Length	Category
H157	8 - 12	ca. 260 mm	PPE CAT II

EN 388: 2016 (2 2 4 1 X) · EN 511: 2006 (0 2 1) · CAT 2

ICE

The glove ICE with foamed ankle PVC and an additional nylon tricot has a high abrasion resistance and a very good grip in wet environments. Warming acrylic lining and cold protection according to EN 511:2006.

REF	Size	Length	Category
H158	7 - 11	ca. 250 mm	PPE CAT II

EN 388: 2016 (3 2 2 1 X) · EN 511: 2006 (1 2 0) · EN 420 · CAT 2

ColdGrip

Lightweight winter glove made of roughened acrylic base fabric with nitrile foam coating on the palm (sanded). Warms at low outside temperatures. Good fit and high wearing comfort, excellent grip in dry, as well as oily work areas.

REF	Size	Length	Category
H531	7 - 11	ca. 240 mm	PPE CAT II

EN 388: 2016 (4 1 2 1 X) · EN 511: 2006 (X 1 X) · EN 420 · CAT 2

CUTTER

Robust cut protection glove made of high performance polyethylene knitted fabric reinforced with glass fiber. Seamless knitted with strong 3/4 nitrile dipping. Additional nitrile foam coating on the palm for extra protection.

REF	Size	Length	Category
H161	7 - 11	ca. 260 mm	PPE CAT II

EN 388: 2016 (4 5 4 3 X) · CAT 2

R-FLEX® NITRIL

Cut protection glove made of HPPE knitted fabric with textured foam palm coating and TPR impact protection on the palm and the entire back of the fingers. Touch screen compatibility of the tips of the index/middle finger and thumb.

REF	Size	Length	Category
H162	7 - 11	ca. 260 mm	PPE CAT III

EN 388: 2016 (4 X 4 3 D P) · EN 407: 2006 (X 1 X X X X) · EN 420 · CAT 3

HAND PROTECTION

WE KEEP YOU SAFE since 1996

Universal multi-talents
Robust and versatile

Textile work gloves with latex, PVC or nitrile coating are breathable due to the uncoated back of the hand.
back of the hand breathable.

RINGERS R-Chem Impact Long Cuff

Chemical protection glove with impact protection. PVC coating, high visibility. Robust grip profile and cut protection. Extended cuff.

REF	Size	Length	Category
H163	8, 10, 12	456 mm	PPE CAT III

EN ISO 374-5:2016 K L M O P T · ISO 374-1: 2016/Typ A · EN 388: 2016 4 X 4 1 C P · EN 420 · CAT 3

Showa 660ESD

The antistatic safety gloves are designed for handling flammable or explosive materials. Both the inner glove and the coating help prevent the formation of sparks due to friction, for safe use in extreme environments.

REF	Size	Length	Category
H660	9, 10	ca. 320 mm	PPE CAT III

EN ISO 374-5:2016 A J K L M O · ISO 374-1: 2016/Typ A · EN 388: 2016 4 1 2 1 X · EN 16350 < 10^8Ω · EN 420 · CAT 3

TopFit ESD

This delicate glove with dipped fingertips for safe handling and protects against electrostatic charges.Improved thermal insulation with carbon fiber, comprehensive ESD certification.

REF	Size	Length	Category
H662	8 - 12	ca. 240 mm	PPE CAT II

EN 388: 2016 1 1 3 X X · EN 16350 10^6 - 10^7 Ω · EN 16350 < 1,0 x 10^5 Ω · EN 420 · CAT 2

PalmFit Eco white

An extremely lightweight nylon knit glove with PU coating on the palm for excellent grip.

REF	Size	Length	Category
H142	7 - 11	ca. 260 mm	PPE CAT II

EN 388: 2016 4 1 3 1 X · EN 420 · CAT 2

PalmFit Eco black

A dirt-resistant assembly glove with soft PU coating on the palm, which provides an excellent grip.

REF	Size	Length	Category
H143	7 - 10	ca. 260 mm	PPE CAT II

EN 388: 2016 4 1 3 1 X · EN 420 · CAT 2

OilGrip

The OilGrip made of seamless 18 gauge knitted fabric - nylon/ spandex liner and dense nitrile full coating offers very good freedom of movement and no skin irritation due to latex or seams.

REF	Size	Length	Category
H146	7 - 11	ca. 260 mm	PPE CAT II

EN 388: 2016 4 1 2 1 X · EN 420 · CAT 2

Coated or uncoated

For more grip or sensitivity

A textile glove without a coating cannot offer the same grip safety as a coated one. Nevertheless - or precisely because of this - it has its right to exist. The coating often causes a little finger feeling to be lost, which you can't do without for certain activities. In addition, lightweight cotton gloves are also well suited as undergloves, as they absorb moisture from the hand and thus keep it dry for longer.

Hi-Grip

Lightweight nylon knit glove with sanded nitrile coating on the palm provides a firm grip for oily activities. The Hi-Grip fits like a second skin and is a versatile multi-purpose glove.

REF	Size	Length	Category
H141	7 - 10	ca. 240 mm	PPE CAT II

EN 388: 2016
4 1 2 1 X
EN 420
CAT 2

Tricot glove

Tricot glove made of 100% cotton, bleached. Ideal for handling small parts or as an underglove.

REF	Size	Length	Category
H205	9, 10	ca. 240 mm	PPE CAT I

CAT 1

All DACH hand protection products
in direct comparison

Protective gloves can have several standards and performance classes. It is therefore difficult to keep track of the abundance of information. DACH has created an overview table of all protective gloves, where the relevant information can be found quickly and also compared with each other.

REF	PPE Category III	PPE Category II	Medical device	Latex free	sterile	Length	Chemical protection type	Protection from microorganisms	Mechanical protection	Cold protection
883	X		X	X		240 mm	B	X*		
884	X		X	X		300 mm	B	X*		
878	X		X	X		240 mm	C	X*		
879	X		X	X		300 mm	C	X*		
873	X		X	X		300 mm	C	X		
875	X		X	X		240 mm	B	X*		
880			X		X	295 mm				
AN73-500	X				X	320 mm	B	X*		
AN83-500	X				X	300 mm	B	X*		
AN93-243	X					400 mm	B	X*		
AN37-676	X					350 mm	A	X*	4101X	
AN87-190	X					305 mm	C	X*	1010X	
H172	X					355 mm	A	X	2001X	
H173	X					400 mm	A		3111X	
H174	X					305 mm	A	X	1000X	
H354	X					330 mm	A	X	2121X	
H534	X					ca. 300 mm	B		1110X	
H620	X					300 mm	B	X	4111X	
H621	X					650 mm	B	X	4111X	
H152	X					400 mm	A	X	4131X	121
H153		X				ca. 270 mm			4123X	
H154	X					300 mm	C	X	3221X	121
H155		X				355 mm			2242X	
H157		X				ca. 260 mm			2241X	021
H158		X				ca. 250 mm			3221X	120
H531		X				ca. 240 mm			4121X	X1X
H161		X				ca. 260 mm			4543X	
H162	X					ca. 260 mm			4X43DP	
H163	X					456 mm	A	X	4X41CP	
H660	X					ca. 320 mm	A	X	4121X	
H662		X				ca. 240 mm			113XX	
H142		X				ca. 260 mm			4131X	
H143		X				ca. 260 mm			4131X	
H146		X				ca. 260 mm			4121X	
H141		X				ca. 240 mm			4121X	
H205						ca. 240 mm				

* Additionally virus-tight according to ISO 16604

EYE & FACE PROTECTION

Our face, especially our eyes deserve special protection

Face protection is essential in workplaces where a worker's face is exposed to multiple risks. Both mechanical and chemical impacts and radiation can cause serious injuries, from eye irritation to eye inflammation to blindness.

DIN EN 166: Personal eye protection

Safety first.

This standard specifies requirements and markings for different types of personal eye protection equipment. Prismatic, spherical and astigmatic refractive values are tested to ensure the required vision for the respective work process.

Information about standard DIN EN 166:

According to these refractive indices, lenses are are divided into the following classes:

- **Class 1:**
  for continuous use (e.g. for work under high optical high optical requirements).
- **Class2:**
  for occasional use (e.g., work with medium visual demands).
- **Class 3:**
  for infrequent use (e.g. for rough work, which in exceptional cases require visual protection).

Abbreviations for requirements for mechanical strength:

» Minimum strength

» S: Increased strength

» F: Low energy impacts (45 m/s)

» B: Medium energy impacts (120 m/s)

» A: Impacts with high energy (190 m/s)

Identification of the carrying body

The marking of the supporting body includes the manufacturer's abbreviation, the number of this standard, the areas of use and the resistance.

Identification sight glass

On the sight glass, the manufacturer's abbreviation is listed first, followed by the optical class, the abbreviation for non-adhesion of molten metal and resistance to penetration by hot solids (if applicable), and then the resistance to higher velocity particles. Other properties of the lens can be identified by the last digits.

Areas of use of the eye protection device

3: Liquids (drops and splashes)

4: Dust with a grain size > 5 µm

5: Gases, vapors, mists, smoke and dust with a particle size < 5 µm

6: Radiant heat from infrared sources

8: Electric arc in case of short circuit in electrical installations

9: Splashing of molten metals and penetration of hot solids

More features

N: Resistance to fogging of the viewing windows

K: Surface resistance to damage by small particles

R: Increased reflectance

C: Symbol for improved color recognition

O: Original/replacement visor

EYE & FACE PROTECTION

DACH safety glasses
in focus

Eye protection products from DACH make an important contribution to the prevention of eye injuries in the workplace.

Over-specs

- Fashion over glasses with very narrow temples
- Suitable for wearing over prescription glasses
- Bracket adjustable in length and inclination
- Window panes with high-quality anti-scratch coating

REF	Category	Standards
K218	PPE CAT II	EN 166

Flash

- Polycarbonate viewing panels
- scratch resistant coating
- length adjustable temples
- protects against low energy impacts (45 m/s)

REF	Category	Standards
K204	PPE CAT II	EN 166

Panoramic Glasses

- sporty design
- Polycarbonate viewing window
- with anti-fog coating
- Unlimited field of view

REF	Category	Standards
K206	PPE CAT II	EN 166, EN 170

Full View Goggles

- Sealing flexible frame
- with anti-fog coating
- 4 valves for indirect ventilation
- adjustable headband

REF	Category	Standards
K209	PPE CAT II	EN 166

Numantina

- Polycarbonate monolens and side guards
- Anti-scratch and anti-fog coating
- 4-way adjustable length of the temples
- 8-way adjustable inclination

REF	Category	Standards
K213	PPE CAT II	EN 166, EN 170

Full Vision Goggles with extra wide field of view

- Polycarbonate viewing window
- Anti-scratch and anti-fog coating
- adjustable headband
- Suitable as over glasses

REF	Category	Standards
K216	PPE CAT II	EN 166, EN 170

Temples Glasses 585

- Temple glasses in two-component technology
- Removable foam plastic face pad
- Anti-scratch and anti-fog coating
- Protection against mechanical hazards up to 45 m/s

REF	Category	Standards
K217	PPE CAT II	EN 166, EN 170

EYE & FACE PROTECTION

WE KEEP YOU SAFE since 1996

Certified safety glasses
Stylish and functional

Eye protection does not have to be boring and clunky. Sporty designs and fresh colors as well as the high comfort increase the wearing acceptance.

Visitor Goggles

- metal-free
- Polycarbonate viewing window
- 6 vertical openings against fogging
- can also be used as over glasses

REF	Category	Standards
K201	PPE CAT II	EN 166

GALIA FLEX

- flexible, 3-fold adjustable inclination temples
- distortion-free monolens
- comfortable wrap around sports glasses
- Anti-scratch and anti-fog treatment

REF	Category	Standards
K221	PPE CAT II	EN 166, EN170

GALIA FLEX Sun

- GALIA FLEX with colored glasses for sun protection
- brightly colored temples increase visibility
- flexible, 3-fold adjustable inclination temples
- Anti-scratch and anti-fog treatment

REF	Category	Standards
K222	PPE CAT II	EN 166, EN 170

EYE & FACE PROTECTION

Accessories

Useful additions to our protective clothing

To ensure that you always have your medical masks, gloves or respirators at hand, we offer the appropriate accessories.

Cable tie

Red cable ties to securely close the disposal bags.

REF	Color
011K	rot

Duct tape

Robust fabric tape in orange color, for optimal waterproof masking and sealing of the opening between protective suits and other protective equipment, such as respirators or gloves.

REF	Color
012T	orange

Biohazard disposal bags 70l

Robust bag with „Biohazard“ print for the disposal of biohazardous waste. 70 l volume.

REF	Color
017B	gelb

Stainless Steel Dispenser Universal

Elegant wall holder made of high-quality stainless steel, matt brushed, removal opening at the front, hinged lid at the top and suspension holes at the rear wall. With fill quantity indicator.

REF	Size
W011	30,0 x 30,0 x 13,2 cm

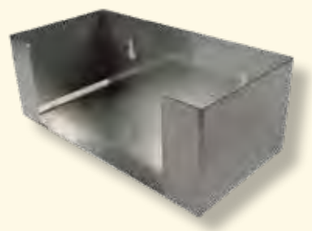
Stainless Steel Dispenser for Gloves

Shapely wall holder made of high-quality stainless steel, matt brushed, for holding standard disposable gloves or cosmetic wipes.

Easy mounting. Screws and dowels are included.

REF	Size
W012	25,3 x 13,4 x 9,4 cm

Stainless Steel Dispenser for Surgical Masks



Elegant wall mount made of high quality stainless steel, for holding standard medical masks.

Easy mounting. Screws and dowels are included.

REF	Size
W014	20,3 x 10,3 x 7,8 cm

Stainless Steel Dispenser with spring loaded clamp

Stainless steel wall holder for holding standard disposable gloves or cosmetic wipes. The spring-loaded clamp in the holder ensures a firm fit even for boxes with lower heights.

REF	Size
W015	24,8 x 13,8 x 9,6 cm

All DACH Eye & Face Protection
in direct comparison

The table below provides a clear comparison of all safety eyewear. Specific requirements, e.g. mechanical strength and areas of use, can be determined at a glance. This makes it easy to find the right product.

REF	Product	Norm	Indicator Viewing windows	Indicator Supporting body	Optical Class	Mechanical Strength	Use Areas	More Features
K201	Visitor Goggles	EN 166	M 1 F CE	M EN 166 F CE	1	Low energy impact (45 m/s)	General Use	metal-free
K204	Flash	EN 166	M 1 F CE	M EN 166 F	1	Low energy impact (45 m/s)	General Use	Anti-scratch Coating
K206	Panoramic Glasses	EN 166, EN 170	2C - 1,2 GSF 1F	166 F CE	1	Low energy impact (45 m/s)	General Use	UV protection, anti-scratch and anti-fog coating
K209	Full View Goggles	EN 166	M 1 B CE	M EN 166 3 B CE	1	Medium energy impact (120 m/s)	Against liquids (drops and splashes)	Anti-fog Coating
K213	Numantina	EN 166, EN 170	2C - 1,2 M 1 F CE	M EN 166 F CE	1	Low energy impact (45 m/s)	General Use	UV protection, anti-scratch and anti-fog coating
K216	Full Vision Goggles with extra wide field of view	EN 166, EN 170	2C - 1,2 GSF 1 B CE	GSF EN 166 3 B CE	1	Medium energy impact (120 m/s)	Against liquids (drops and splashes)	UV protection, anti-scratch and anti-fog coating
K217	Temples Glasses 585	EN 166, EN 170	2C - 1,2 GSF 1 F CE	GSF EN 166 F CE	1	Low energy impact (45 m/s)	General Use	UV protection, anti-scratch and anti-fog coating
K218	Over-specs	EN 166	GSF 1 F	166 F CE	1	Low energy impact (45 m/s)	General Use	Antikratz-Beschichtung
K221	GALIA FLEX	EN 166, EN 170	2C - 1,2M 1 FT CE	M EN 166 FT CE	1	Low energy impact (45 m/s)	General Use	UV protection, anti-scratch and anti-fog coating
K222	GALIA FLEX SUN	EN 166, EN 170	5 - 2,5 M 1 FT CE	M EN 166 FT CE	1	under extreme temperatures (-5°C, + 55°C)	General Use	Increased UV protection, Anti-scratch and anti-fog coating

The journey towards a more sustainable future

Founded in 1996 in Rastatt, DACH protective clothing has the goal of making working environments safer. We focus on innovation and reliability and have built trust as a result.

Now we are expanding our commitment to sustainability. In addition to high-quality medical and PPE products, we attach importance to sustainable raw materials and short transport routes. From November 2023, we plan to expand our sustainable range.

Our mission remains the same despite the rapid changes: safety for people and now also for the planet. We invite you to join us on this journey.

The situation

The sustainable manufacture of personal protective equipment (PPE) is complex and involves materials, logistics and application.

The main focus remains the protection of health and safety. In contrast to the clear definition of PPE and medical devices, views on sustainability vary, from recycling to social responsibility. All aspects are relevant.

Our Vision

For the people: We provide the highest level of safety in the workplace through innovative protective equipment so that everyone feels safe and protected.

For the planet: Our sustainable, recyclable products and green supply chains reduce our environmental footprint to promote a sustainable future.

For the profit: Our approach, which prioritizes safety and sustainability, makes sense not only ethically but also from a business perspective and strengthens our market position.

In short: DACH protective clothing combines safety and sustainability. Our goal is to optimally protect people, preserve the planet and be sustainably successful.

Our Reason Why

For the people: Sustainable PPE products meet consumer requirements, facilitate waste management and strengthen corporate ethical responsibility.

For the planet: They reduce environmental impact, conserve resources and meet regulatory requirements.

For the profit: They offer economic advantages and position the company as an innovation leader.

In short: Sustainable PPE and sustainable medical products are environmentally, socially and economically beneficial.

This is what DACH has already implemented in recent years

Supply chains: Great importance is attached to compliance with human rights and environmental standards within the supply chains.

Production: Ethically responsible production is a central component of the business strategy. The focus is on upholding human rights and complying with environmental standards.

Life cycle: The entire life cycle of medical and PPE products is taken into account as part of the production strategy. This enables a comprehensive consideration of the impact on people and the environment.

Quality: High value is placed on the quality of the raw materials used in medical and PPE products. This quality is crucial for the functionality, safety and durability of the products.

Customer appointments: To minimize CO2 emissions, video conferencing is preferred for customer meetings. The digital format is used where it is possible and makes sense.

Climate-friendly product sample shipping: Environmentally friendly packaging, either recyclable or compostable, is used for shipping product samples.

Sustainable mobility for business travel: For longer distances, rail and electric vehicles are preferred.

Sustainable choice in giveaways and office equipment: Emphasis is placed on environmentally friendly giveaways and office equipment where commercially viable.

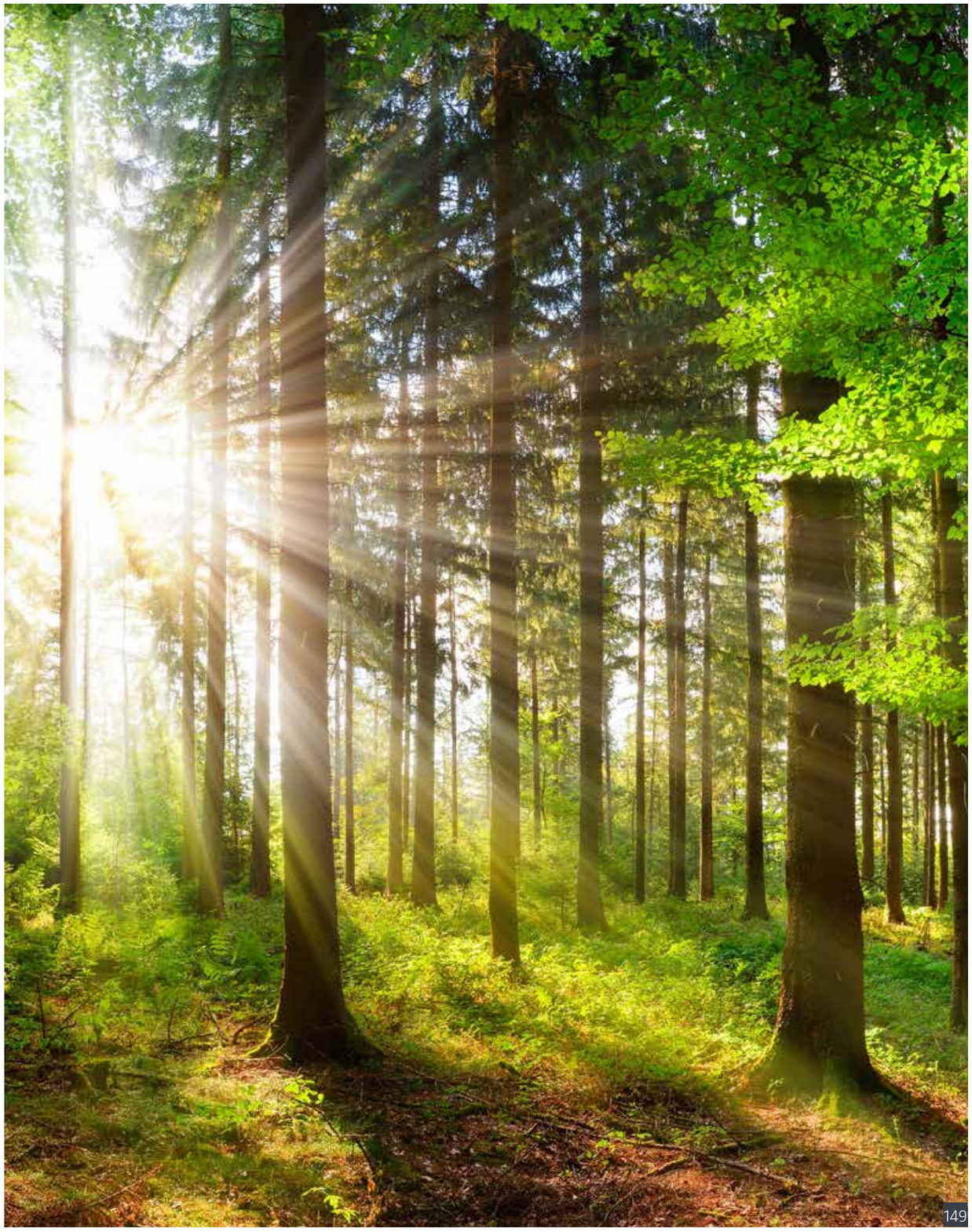
Climate-neutral building air conditioning: Technologies that do not emit climate-damaging greenhouse gases are used for the air conditioning of the company building.

100% self-sufficiency in energy by 2026: The goal is for the company to be completely self-sufficient in sustainable energy by 2026.

New production hall by September 2023: The construction of the new production hall shortens supply chains and minimizes logistics routes. This leads to extensive CO2 savings and strengthens the „Made in Germany" seal.

Green power and e-mobility in the fleet: The vehicle fleet is being converted entirely to electrically powered vehicles, which are supplied with green electricity via the company's own charging stations.

Intra-European raw materials: The focus is on purchasing raw materials from the inner-European market in order to minimize transport routes.



DACH stands for quality.
Yesterday, today and in the future.

DACH impresses with the highest quality and outstanding service as the best manufacturer choice for occupational safety and medical products. We are not an online store, but a service partner who puts the customer in the focus of its actions. We know about the sophisticated development process and the resulting quality of our products. We are proud of this - and can give our customers exactly the expertise and confidence they need in such an important topic as occupational safety.

Quality that creates trust:

DACH stands for quality you can feel. As a specialist in personal protective equipment and medical products, we set the standard in safety and comfort. Our **ISO 13485** and **ISO 9001** certifications are not just stamps on a paper, but a promise to our customers. Our extensive laboratory testing and quality control ensure that every product that leaves our factory meets the highest standards.

Innovative

We bear responsibility for sustainable production and fulfill this responsibility by acting in an ecologically, economically and socially sustainable manner. With our products, we make an important contribution to the safe supply of protective clothing in Germany.

Excellent work

At DACH, safety comes first. Our German-made products exceed legal requirements and undergo rigorous testing. With over 25 years of experience, we are more than just a manufacturer: we are your service partner for occupational safety and health. That makes us not just a manufacturer, but a service partner who puts our customers at the center of everything we do.

WE KEEP YOU SAFE®
since 1996

DACH

DACH Schutzbekleidung GmbH & Co. KG

Rotackerstraße 21
76437 Rastatt, Germany

P: +49 7222 15989-0
F: +49 7222 15989-22

info@dach-germany.de
dach-germany.de