



B&S
QUALITY MADE

CATALOG
2020

HYGIENE AND SAFETY

Protective Measures for
Opticians and Customers



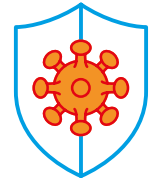
CATALOG 2020

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OUR HYGIENE MEASURES

to protect against infectious diseases such as Covid-19



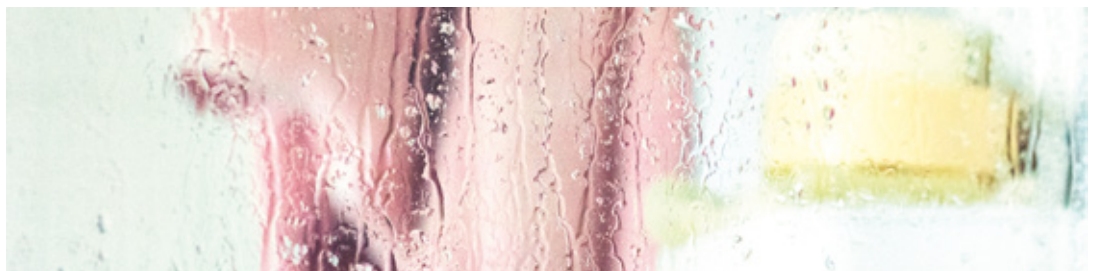
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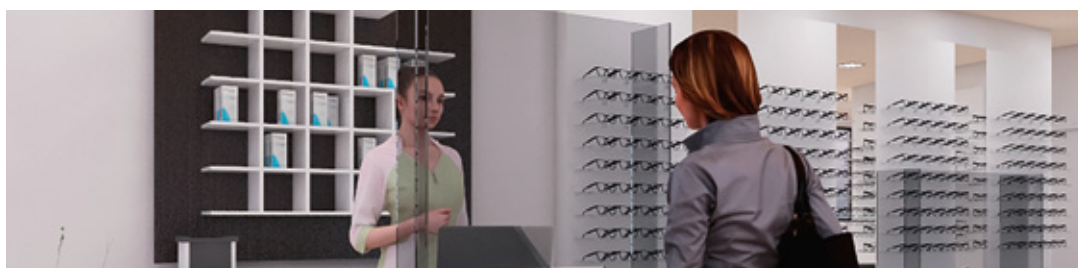
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HYGIENE AND SAFETY FOR OPTICIANS

For the optician hygiene at the workplace is not necessarily a new topic. Working directly with people has ever since required a clean and germ-free working environment.

High quality standards have been manifested in the Medical Devices Act (MPG), but the corona pandemic has moved the concept of "hygiene" to another level. The risk of infection with the Covid-19 virus must be minimised by all means, and here, the company owner in particular must take responsibility to implement new quality standards.

In the optical business the transmission of germs, fungi and viruses happens mainly in three ways:

- From customer to employee, then to colleague or to the next customer
- From glasses to employee, then to colleague or the next customer
- From surfaces or instruments to employee and then again to colleague or the next customer

Despite relatively strict measures before the Corona pandemic, those must now be intensified:

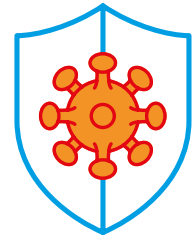
- Wash and disinfect your hands thoroughly before and after every customer contact/repair.
- Spray the glasses with disinfectant spray, then wipe and clean with disposable paper tissues. Alternatively, disinfecting tissues can be used.
- Disinfect the glasses in a disinfectant solution or clean in an ultrasonic bath. If possible, change the solutions after each cleaning process.
- Clean the tools in a disinfectant solution or in an ultrasonic bath. Observe manufacturer's instructions.
- Spray the consulting table/workplace with disinfection spray after each working cycle, then wipe and clean with disposable paper towels.
- Wear disposable gloves, face mask and safety goggles
- Install transparent partitions
- Advise customers about hygiene rules at the entrance
- Comply with the distance rules of at least 1.5 m; e.g. by means of floor stickers
- Limit the number of customers in the shop (recommendation: 1 person per 10 m²)

An intensified hygiene management is an absolute must in these times. Especially for customers in a higher age, the so-called risk group 60+, there is an increased risk of infection due to a weakened immune system. A clean, healthy and germ-free working and consulting environment belongs to the basics of a professional customer service. Trained employees and compliance with the new protective measures not only serve to protect yourself, but also guarantee a consistently high customer satisfaction.

This brochure – clearly divided into chapters – is meant to provide you with the best possible support in your day-to-day business. As a special service we offer you the overview on the next page as guidance for your customers.

OUR HYGIENE MEASURES

to protect against infectious diseases such as Covid-19



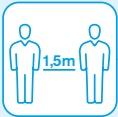
• AT THE SHOP



• Regular disinfection of all surfaces



• Maximum 1 customer per 10 m²



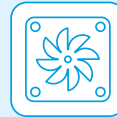
• Keep a safety distance of at least 1.5 m



• Partition walls



• Provision of disinfectants



• Regular airing

○ FOR EMPLOYEES



• Wear a protective mask



• Wear eye protection



• Put on disposable gloves before each new customer contact



• Avoid shaking hands/
Avoid touching



• Do not touch your face



• Wash your hands regularly (at least 20 sec.) or disinfect

○ FOR CUSTOMERS



• Stay at home in case of illness



• Access only with protective mask



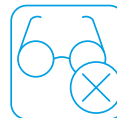
• Hand disinfection when entering the shop



• Avoid shaking hands/
Avoid touching



• Do not touch your face



• Do not try on glasses on your own

With the friendly support of





DISINFECTION AND STERILISATION

Lamps with ultraviolet light are perfect for disinfection. Up to 99.9% of microorganisms such as viruses, bacteria, yeast and fungi are rendered harmless without the need for mechanical cleaning with disinfectants and cloths or sprays.

It is important that the wavelength of the device is in the UV-C range of 254 nm in order to destroy the DNA of the microbes and thus kill all germs and effectively reduce the infection rate. The longer a pair of glasses is exposed to UV light, the more effective the disinfection.

It must be strictly observed that this type of disinfection is only suitable for glasses and tools. Under no circumstances may it be applied to hands or skin areas as this may cause severe skin irritation and burns.

With the UV sterilizer art. no. 2471 00 glasses that have been tried on can be sterilized within one minute before they will be used by the next customer.



DISINFECTANT WIPES – DISPENSER

- Suitable for cleaning and disinfecting of surfaces
- Effective spectrum against bacteria, fungus and viruses (HCV, HIV, Influenza A & B, Polio)
- 100 pieces: 180 x 125 mm


 1 piece

3154 00



DISINFECTANT WIPES – REFILL PACK



- Refill bag with 100 wipes
- For insertion into the dispenser box 3154 00

 1 Stück

3154 01

GFC UV STERILIZER

- UV device for sterilizing spectacles
- The use of germicidal UV-C light makes the spectacle frames hygienically clean
- Duration of one application: 30–60 seconds
- 5–6 sockets can be cleaned simultaneously in the device
- Voltage: 230 V 50 Hz, Power: 8 W, Wavelength: 253,7 nm
- Lamp mean lifetime: 9,000 h
- Weight: 3.8 kg

 340 x 210 x 190 mm  1 piece

2471 00



ANTI-FOG

FOR ALL TYPES OF LENSES

In humid environment water condenses on the lenses. Many small droplets form an opaque film on the surface and thus lead to fogging and a cloudy view. Anyone who wears glasses knows that the glasses mist up not only when the temperature changes, but also when speaking through a breathing mask because humidity increases after a while.

In order to eliminate such unpleasant side effects, the use of an anti-fog agent in the form of spray, cloth or gel is recommended. For the best possible effect the glasses should first be cleaned with a cleaning spray and a microfiber cloth until the surface of the glasses is completely dry. Then the anti-fog gel should be applied. A small drop is sufficient for distribution with a cloth in circular movements until the gel is no longer noticeable (do not use microfiber for this!). A very thin film then spreads on the lens – similar to a coating – that keeps condensing droplets away from the lens. Ideally, the desired effect lasts between 48 and 72 hours. Once the glasses have been cleaned with water and soap, ultrasound or spray, the anti-fog agent must be re-applied.

Our anti-fog assortment is suitable for sunglasses, protective goggles, helmet visors, ski goggles, swimming and diving goggles as well as polycarbonate glasses.



ANTI-FOG COMBO
 – WITH POINTED APPLICATION TIP

- Up to 50 applications from one tube
- 5 g Anti-Fog gel
- With Display

 10 sets

6212 00



ANTI-FOG BRUSH COMBO
 – WITH SOFT BRUSH

- Up to 100 applications from one tube
- 10 g Anti-Fog gel
- With Display

 10 sets


6212 10





OPTIPLUS ANTI-FOG LENS WIPES


- Long-lasting, highly effective fog prevention for all kinds of lenses
- Especially suitable for multi-coated lenses
- Do not use for contact lenses
- Minimum order quantity: 20 pcs

 1 box of 30 towelettes

6219 30

OPTIPLUS ANTI-FOG SPRAY

- Long-lasting, highly effective fog prevention for all kinds of lenses
- Especially suitable for multi-coated lenses
- Do not use for contact lenses
- Minimum order quantity: 25 pcs

 1 piece

6253 10

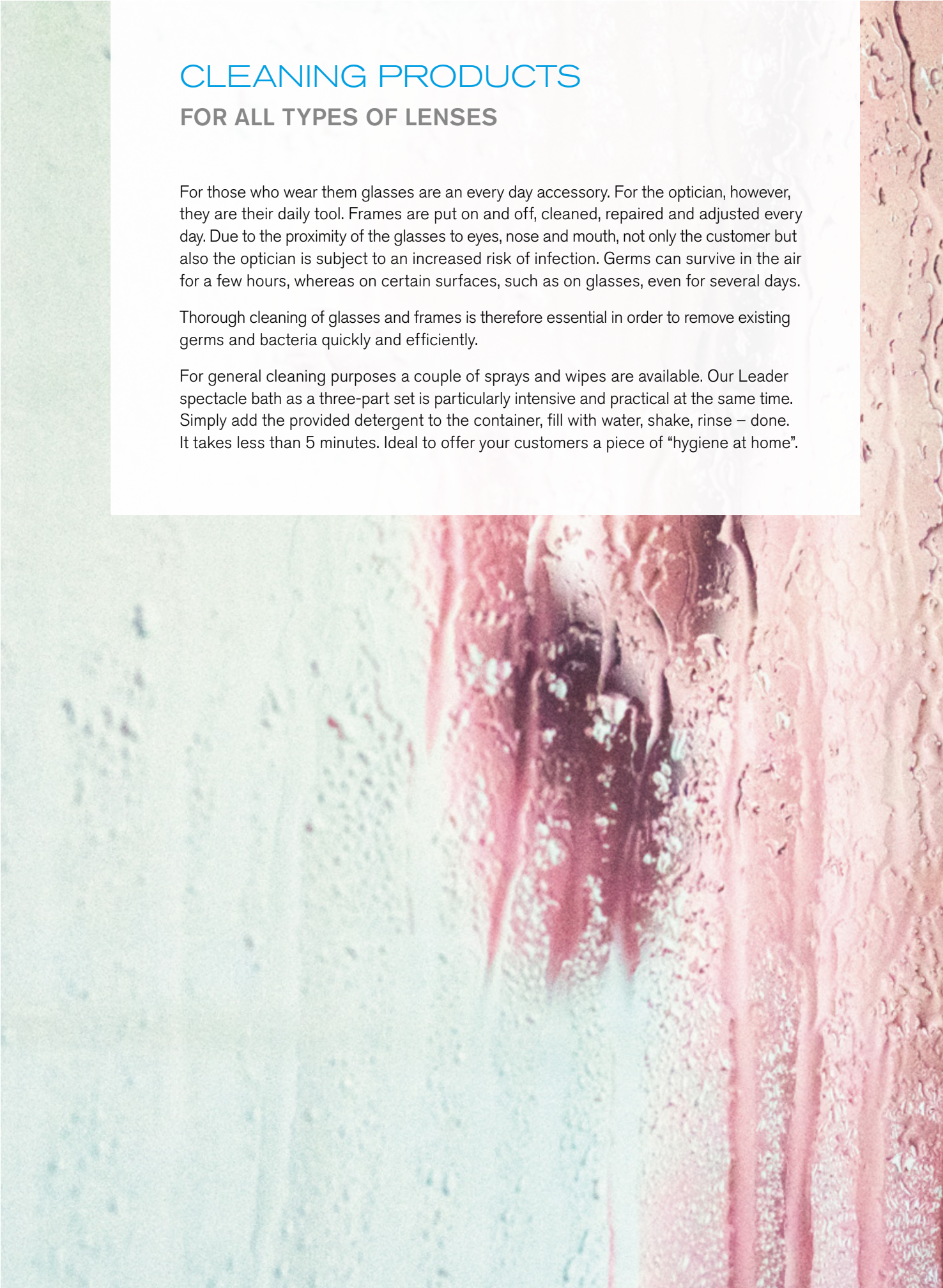


CLEANING PRODUCTS FOR ALL TYPES OF LENSES

For those who wear them glasses are an every day accessory. For the optician, however, they are their daily tool. Frames are put on and off, cleaned, repaired and adjusted every day. Due to the proximity of the glasses to eyes, nose and mouth, not only the customer but also the optician is subject to an increased risk of infection. Germs can survive in the air for a few hours, whereas on certain surfaces, such as on glasses, even for several days.

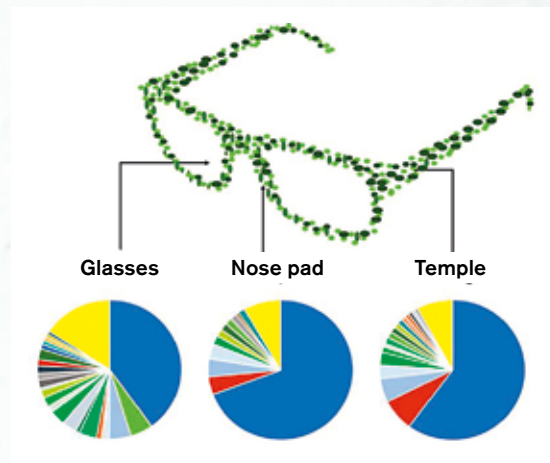
Thorough cleaning of glasses and frames is therefore essential in order to remove existing germs and bacteria quickly and efficiently.

For general cleaning purposes a couple of sprays and wipes are available. Our Leader spectacle bath as a three-part set is particularly intensive and practical at the same time. Simply add the provided detergent to the container, fill with water, shake, rinse – done. It takes less than 5 minutes. Ideal to offer your customers a piece of “hygiene at home”.



DID YOU KNOW?


In a study from the University of Furtwangen, Germany, researchers discovered more than 5,200 different types of bacteria on glasses, temples and nose pads of 30 test persons. The majority of them were harmless skin and mucous membrane bacteria, but also potential pathogens were among them. Interesting though was that most of them were not found on nose pads or ear pieces of the temples as expected. According to the analysis the highest bacterial biodiversity was found on the glasses themselves.



Source: www.scinexx.de/news/medizin/was-lebt-auf-unserer-brille
 Highest diversity of bacteria on the glasses. Every color stands for another type of bacteria.
 (Special thanks to the University of Furtwangen who granted us the rights to use the results and diagram of their study.)

LENS WIPES ULTRA SOFT

- **Attention:** only cleaning, no disinfection!
- Wood free nonwoven fabric
- Do not use for contact lenses


 6 boxes of 100 towelettes

6216 10



SPECTACLES BATH SET

- **Attention:** only cleaning, no disinfection!
- Original "Freise & Sohn"
- 3-piece set: case, cleaner, cloth

 10 pieces

3155 50



SAFETY GOGGLES FOR YOUR SAFETY

Although the most common way of virus transmission is through the respiratory tract, contact with eyelids and eyelashes may also be contagious. In several cases abroad eye contamination has been confirmed by doctors and medical staff. An initial inflammation of the eye with retarded fever and shortness of breath was finally diagnosed as an infection with Covid-19. The infected people did not wear safety glasses though.

To a certain extent correction frames or sunglasses can protect the eyes from a droplet infection. However, "normal" glasses do not offer 100% security because the virus can reach the surface of the eye through the exposed areas that are not covered by the glasses (side, top and bottom). In order to protect yourself comprehensively, the use of safety goggles is strongly recommended - especially for people in systemically relevant professions such as medical or nursing staff.

Safety goggles in the sense of personal protective equipment (PPE) meet the basic requirements of Directive (EU) 2016/425 and are approved by EN 166-168. In order to meet these standards the goggles are subjected to a large number of durability tests. Mostly they are made of highly durable polycarbonate which at the same time offer lightness and comfort. Furthermore, safety goggles must fit the face perfectly and temple ends should have a comfortable curvature in order to flexibly fit to the wearer's head. Angled side openings prevent particles from entering.



FACE SHIELD

- 0.125 mm thick PC film offers best optical characteristics
- Ergonomic cut ensures maximum freedom of movement
- Long, rounded design that extends to the ears for maximum protection
- Increased distance to the face allows comfortable wearing of an FFP2 mask and (protective) glasses
- No fogging due to the frame construction being kept open at the top



Blue
9629 00



348 mm x 245 mm



30 g

UNIVERSAL SINGLE SHIELD GOGGLES

- Temples adjustable in length and inclination
- Comfortable nose bridge for perfect fit
- With anti-fog coating



Blue
9407 00



140 mm



57 mm



12 mm



100–113 mm



36 g

UNIVERSAL SINGLE SHIELD GOGGLES

- Ventilation space between lens and rim enables air circulation and avoids steamed up lenses
- Soft padded upper frame rim gives more comfort during wear



Blue grey
9626 00 (Large)
9626 10 (Small)

Large	133 mm	42 mm	14 mm	125 mm	31 g
Small	125 mm	42 mm	15 mm	125 mm	30 g

Honeywell

SAFETY GLASSES MADE OF POLYAMIDE

- Temples with metal insert, adjustable
- Opening on temple ends for a spectacle band
- Integrated, transparent top and side protection



Blue transparent
9610 00

54 mm	44 mm	16 mm	140 mm	34 g

Honeywell UNIVERSAL SINGLE SHIELD GOGGLES

- Budget basic model
- Anti slip temples



Transparent
9401 00



140 mm



43 mm



16 mm



125 mm



22 g

Honeywell UNIVERSAL SINGLE SHIELD GOGGLES

- Temples adjustable in length and inclination
- Comfortable strap bridge, individually adjustable



Black grey
(75% tint)
9403 06



Blue transparent
9403 05



160 mm



53 mm



12 mm



105-120 mm



30 g

- Suitable to wear over corrective spectacles
- Integrated top and side protection, covers the entire eye area
- Punched earpiece for fastening spectacle strap
- Lenses with hard coating
- **Lens:** polycarbonate, transparent



Transparent
9448 11



160 mm



54 mm



16 mm



125 mm



40 g

LABORATORY GOGGLE WITH VENTILATION SLITS

- Suitable to wear over corrective spectacles
- Resistant against penetration of hot particulate materials, coarse dust or drops and splashes
- Soft frame for a perfect, individual fit
- Flexible, extra width adjustable head band
- Lenses with hard and anti-fog coating
- **Lens:** polycarbonate, transparent



Grey
9450 10



160 mm



75 mm



20 mm



136 g

PERSONAL SAFETY

Best protection against potential virus transmission is either staying away or keeping the required distance from others. Wherever this is not possible a mask is considered as most effective protection. That is why a mask is mandatory in most European countries. However, there are fundamental differences depending on the area of application and the degree of effectiveness.

THREE CATEGORIES OF PROTECTIVE MASKS

- **Mouth-nose masks**

also called “community masks” are masks which are sewn from commercially available fabrics and are worn in everyday life. Although they do not comply with any protection standards the pure physical barrier has a certain protective function in order not to infect others with larger droplets. Though they often look like medical masks, they may not be sold as “medical devices”.

- **Medical face masks**

also known as MNS or surgical masks comply with the standards of medical device law. Even before Covid-19 they were worn as a single-use mask by doctors and dentists. Their specifications are stipulated in DIN EN 14683. They protect patients and people near by from the wearer's droplets from mouth and nose when speaking. These masks solely protect the wearer from larger droplets. Their second purpose is to prevent the wearer from unintentionally touching his mouth or nose with dirty hands.

- **Respirators / FFP masks**


“Particle-filtering half masks” or “fine dust masks” constitute the third category of masks. They are considered as personal protective equipment (PPE) in the context of safety at work. They have a more far-reaching effect. They protect the wearer from small droplets, so-called aerosols, smoke and fine dust in the air. The European standard (EN 149) determines the quality of these masks. Three protection classes define the retention capacity: FFP1, FFP2 and FFP3. FFP stands for “Filtering Face piece”. To protect against the Covid-19 virus, at least masks of class FFP2 are necessary, masks of class FFP3 are better.

RULES FOR SIMPLE MOUTH NOSE PROTECTION OR COMMUNITY MASKS

- The masks should only be used for private use.
- Even with a mask the WHO recommends a safety distance of at least 1.5 m from others.
- When putting on a mask make sure that the inside is not contaminated. Hands should be washed thoroughly with soap beforehand.
- The mask must be placed correctly over the mouth, nose and cheeks and should fit as closely as possible around the edges to minimize lateral air penetration.
- When using the mask for the first time make sure the mask offers you enough space for normal breathing.
- A moisturized mask should be removed immediately and replaced.
- The outside of the used mask may be pathogenic. In order to prevent contamination of the hands avoid touching it.
- After removing the mask hands should be washed thoroughly in accordance with the general hygiene rules (at least 20–30 seconds with soap).
- After removal, the mask should be kept airtight in a bag or similar, or washed immediately. It should be disposed of as soon as possible to avoid mold growth.
- After a single use masks should ideally be washed at 95 °C, but at least at 60 °C and then dried completely. Observe manufacturer's advice on the maximum number of cycles.

MASK FOR MOUTH AND NOSE

- Disposable mask for mouth and nose
- Consists of breathable, three-layer fleece with low breathing resistance
- Very soft surface, lies pleasantly soft on the skin
- With hydrophobic outer layers and elastic earrings
- The extra long noseband increases the wearing comfort for long periods of wear
- BFE 99% high filtration efficiency
- 100% latex free

 50 pieces

1335 00



MASK FOR MOUTH AND NOSE – MICROFIBRE

- Absorbs oil and water, quick drying
- Breathable fabric
- Soft and pleasant to the skin
- Microfiber cloth restrains the propagation of germs
- Washable and reusable
- Size: 23 x 12,5 cm
- Minimum order quantity: 5 pcs

 1 piece



1336 00 **Black frames**



1336 01 **White frames**




1336 02 **Pink frames**



1336 03 **Blue frames**

PHOROPTER HYGIENE PROTECTION

- As protection against droplet infections
- For suspension from the phoropter
- Suitable for all manual phoropters
- Automatic phoropter depending on model
- Material: Acrylic
- Do not clean with solvents and alcohol
- Cutout diameter: 29 mm
- Taper width: 19 mm

 154 x 187 x 3 mm


 1 piece

3325 00



SLIT LAMP HYGIENE PROTECTION

- As protection against droplet infections
- For suspension from the eyepieces
- Universal for Haag-Streit, Zeiss type
- Material: Acrylic
- Do not clean with solvents and alcohol
- Recess dimensions: 113mm x 50mm

 250 x 225 x 3 mm

 1 piece

3315 00



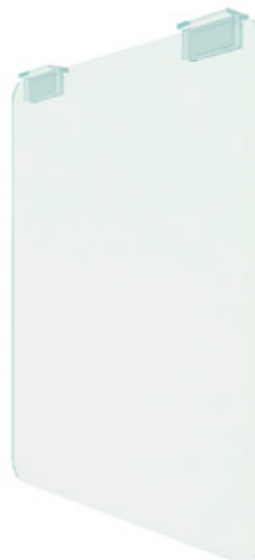
PUPILOMETER HYGIENE PROTECTION

- Protection against droplet infection
- For mounting on PD measuring instruments
- Universal
- Material: Acrylic
- Do not clean with solvents and alcohol

 200 x 150 x 2 mm



 1 piece

2387 10



TOOL BAG SMALL FOR BELT WEAR

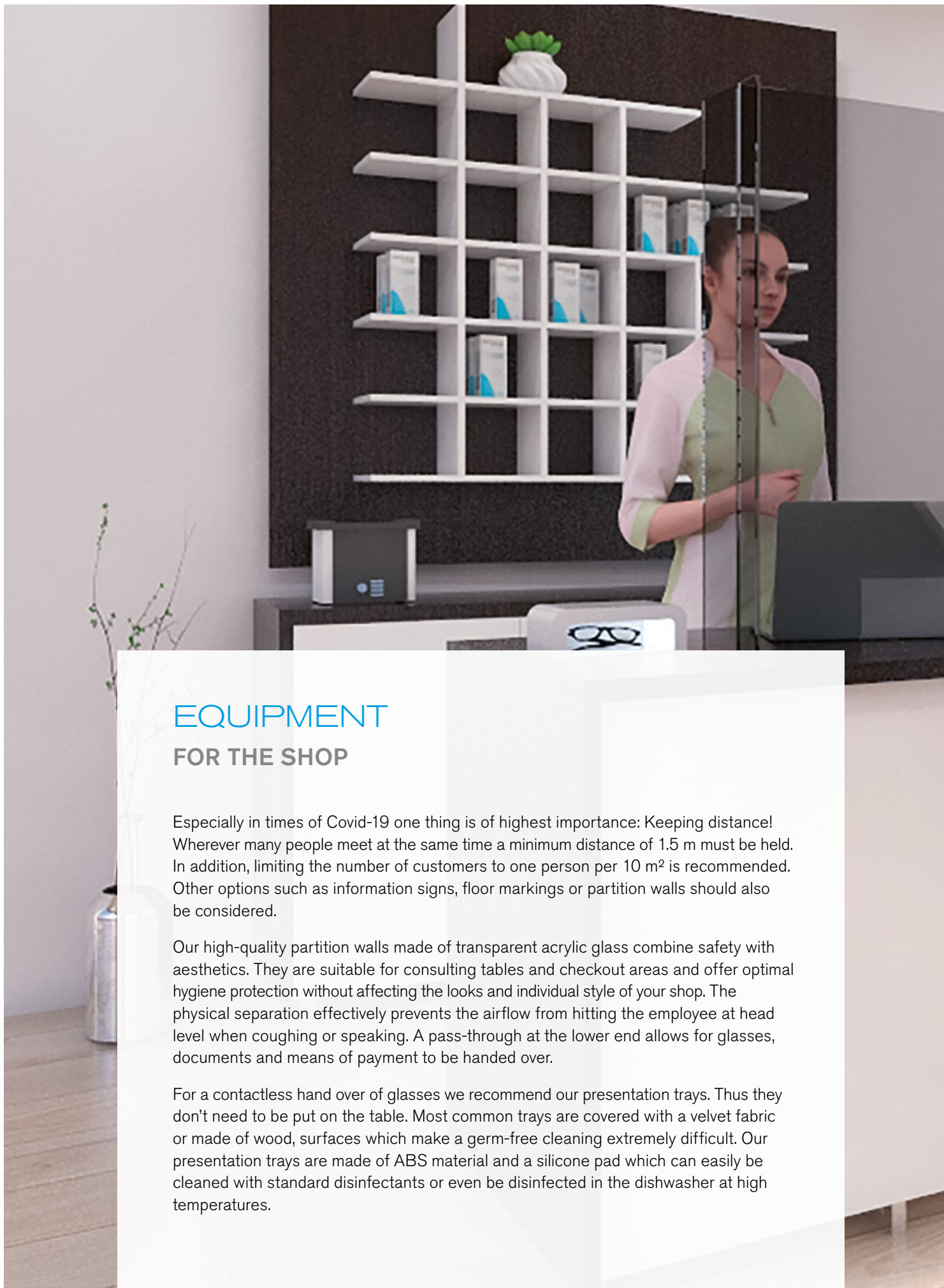
- Practical tool bag for attaching to the belt or waistband
- For separate storage of pliers, pens, PD-rulers, etc.

 190 x 210 x 190 mm  430 g

 1 piece

1467 00





EQUIPMENT FOR THE SHOP

Especially in times of Covid-19 one thing is of highest importance: Keeping distance! Wherever many people meet at the same time a minimum distance of 1.5 m must be held. In addition, limiting the number of customers to one person per 10 m² is recommended. Other options such as information signs, floor markings or partition walls should also be considered.



Our high-quality partition walls made of transparent acrylic glass combine safety with aesthetics. They are suitable for consulting tables and checkout areas and offer optimal hygiene protection without affecting the looks and individual style of your shop. The physical separation effectively prevents the airflow from hitting the employee at head level when coughing or speaking. A pass-through at the lower end allows for glasses, documents and means of payment to be handed over.



For a contactless hand over of glasses we recommend our presentation trays. Thus they don't need to be put on the table. Most common trays are covered with a velvet fabric or made of wood, surfaces which make a germ-free cleaning extremely difficult. Our presentation trays are made of ABS material and a silicone pad which can easily be cleaned with standard disinfectants or even be disinfected in the dishwasher at high temperatures.



ACRYLIC PARTITION WALL

- As spit protection for opticians and customers
- Three-part partition wall, pluggable, delivered flat
- Size of the pass-through: 450 x 110 mm
- Material: acrylic, 5 mm

Small  910 x 600 x 190 mm  1 piece

Large  910 x 900 x 190 mm  1 piece



Small
0119 00



Large
0119 01

PRESENTATION TRAY

- For contactless transfer of glasses, means of payment etc.
- Brushed, stable plastic tray with anti-slip inlay made of soft polymer
- Can be cleaned with standard disinfectant or in the dishwasher
- Usable area: 247 x 208 mm

 300 x 221 x 21 mm  1 piece



Black/Light grey
1433 10




Black/Dark grey
1433 11



Black/Bordeaux
1433 12

ADHESIVE STICKER FOR KEEPING DISTANCE – FEET

- Information sticker to indicate safety distance or running direction
- Material: vinyl, laminated with anti-slip effect
- Removable, for short and medium-term use
- Durability: resilient up to 3 months
- Certified according to DIN 51130 (evaluation group R9)

 120 x 320 mm – per feet

 3 pairs



Blue
0130 10



Yellow
0130 11

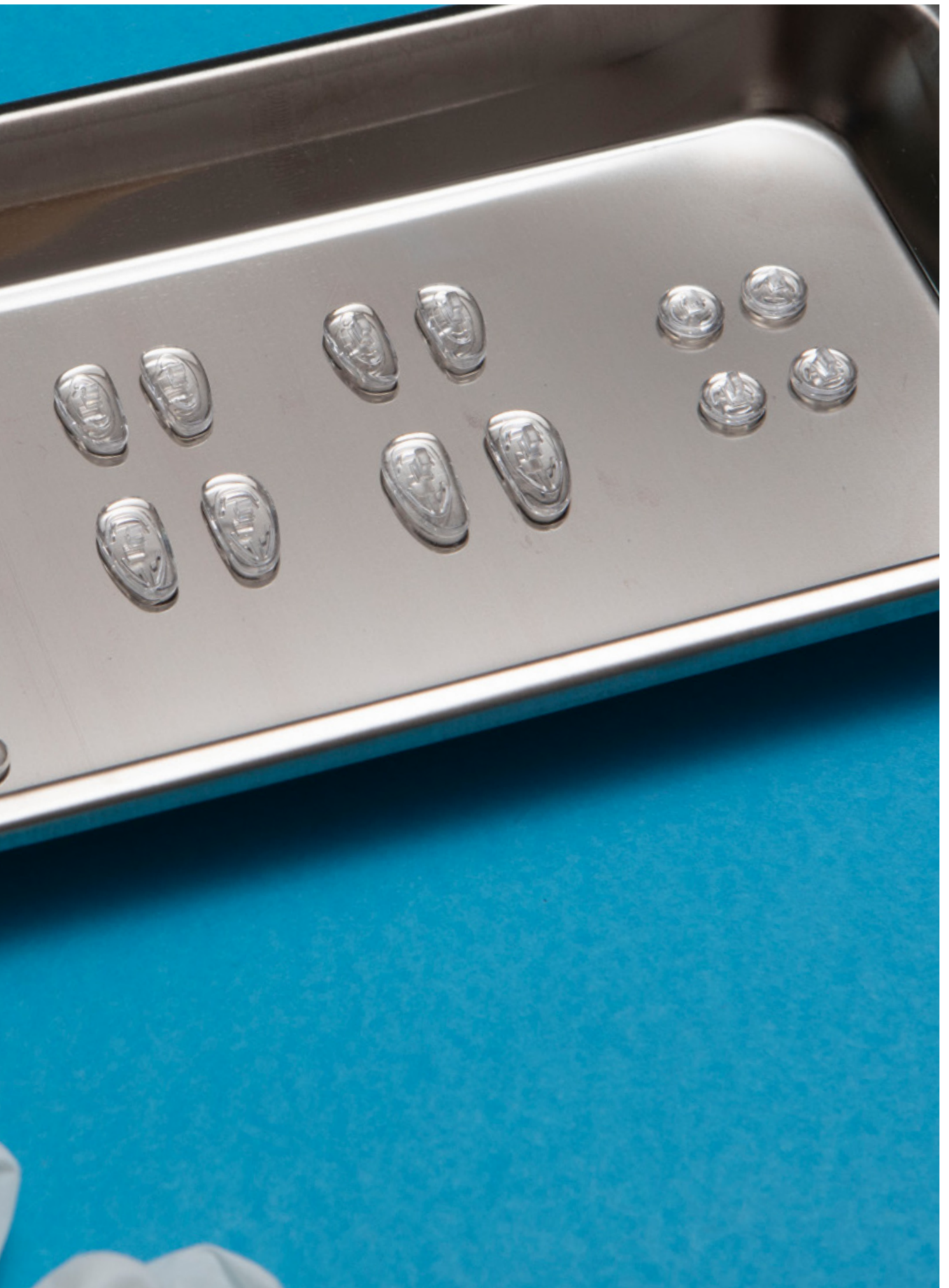


FRAME ACCESSORIES FOR ENHANCED COMFORT

For a couple of months now people in medical and other business areas have been protecting themselves from an infection with Covid-19 by wearing safety goggles. In some cases these goggles are not very comfortable and leave unappealing, sometimes painful pressure marks on ear and nose.

In order to give the “heroes of everyday life” a little comfort our nose cushions are a welcome ease. The self-adhesive nose cushions can be stuck around the nose pads of any safety glasses and replaced regularly. With their silicone surface they also improve the fit of the glasses and thus contribute to greater comfort.

Anti-slip temple ends can also provide the necessary grip for the safety goggles and avoid unintentional touching your face. Shrinking tubes offer the advantage of covering unappealing and sometimes sharp edges on the temples with a soft rubber layer to create the necessary buffer. The color of the respective shrinking tube can also help to clearly distinguish your personal safety glasses from others.











NOSE PAD CUSHION

- Against pressure points and wounds while wearing safety goggles permanently
- Self-adhesive silicone foil
- Width: 7 mm each

 10 pairs

0758 01	Size S	 19 mm	 2.0 mm
0758 02	Size M	 19 mm	 2.4 mm
0758 03	Size L	 19 mm	 2.7 mm

MEGALOCK TEMPLE END

- No slipping when permanently wearing safety goggles
- Can be used with plastic and metal temples
- Material: silicone

Ø inner: 5.9 x 2.7 mm

 10 pairs

8903 01 **Black**

8903 02 **Transparent**



NON-SLIP TEMPLE END

- No slipping when permanently wearing safety goggles
- Similar as No. 8903 ..., but in large pack
- Sorted loose

Ø inner: 5.9 x 2.7 mm



20 pieces



Transparent
0729 10



Black
0729 11

HEAT SHRINK TUBES

- To reduce pressure points on temples while wearing safety goggles
- Shrinking temperature: 120 °C

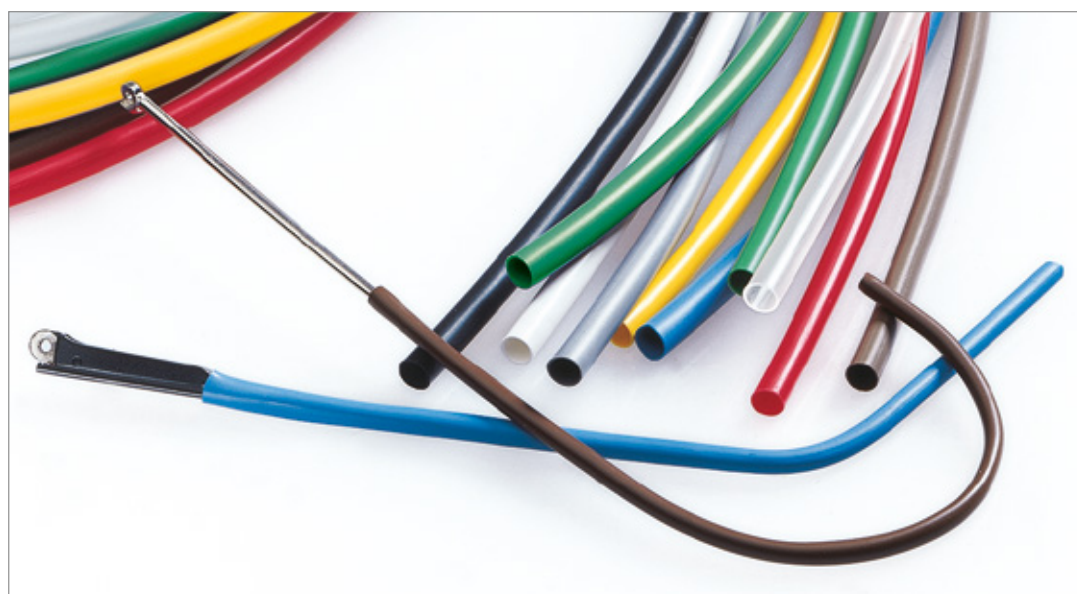
Ø inner: 3.2 mm

Ø after shrinking: 1.5 to 1.6 mm



3 x 1 m

0784 51 **Transparent** 0784 55 **Black**





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