

CATALOGUE 2019/2020 (ONTENIEN





SAFETY FRAMES ON PAGE 8

SINGLE SHIELD GOGGLES

UNISEX PANTO

UNIVERSAL FROM HONEYWELL 8 METAL CLIP GLAZEABLE 9 UNIVERSAL FROM INFIELD 10 **PLANO SAFETY FRAMES** UNIVERSAL FROM HONEYWELL 11 UNIVERSAL FROM INFIELD 12 HIGH QUALITY METAL FRAME 12 HIGH QUALITY PLASTIC FRAME 13 MODERN SHAPE WITH SIDE PROTECTION 13 CLASSIC WITH DOUBLE BRIDGE 13 UNISEX PANTO WITH DOUBLE BRIGDE 14 UNISEX RECTANGULAR 14

14

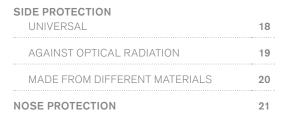
VISITOR AND WELDING GOGGLES ON PAGE 15

VISITOR GOGGLE POLYCARBONATE	15
WELDING GOGGLES UNIVERSAL XC	16
WELDING GOGGLES WITH PROTECTION LEVEL 5	16
LABORATORY GOGGLE WITH VENTILATION SLITS	16
METAL CLIP GLAZEABLE FROM +/- 4.00 DPT. WITH CYL. 2.00 DPT.	17
SAFETY CLIP-ON FLIP UP	17





SIDE PROTE(TION ON PAGE 18





INTERESTING FACTS

MARKING ACCORDING TO DIN STANDARDS	4
MARKINGS ON FRAMES AND LENSES	5
ALL ABOUT EYE PROTECTION	23

MARKING ACCORDING TO DIN NORM

Identical and permanent markings on lenses and frames show that this saftey goggle is in compliance with European Standard 166. The corresponding certification of the materials used is carried out at regular intervals by an independent testing institute and guarantees quality and durability for the various working areas.

IMPORTANCE OF LENS MARKING IN DETAIL

MECHANICAL STRENGTH:

- S Increased strength
- F Shockproof, low energy
- B Shockproof, medium energy

ADDITIONAL REQUIREMENTS:

- 3 Resistance to liquids (drops, splashes)
- 4 Resistance to coarse dust (grain size > 5 μm)
- T Mechanical strength tested at extreme temperatures (+50 °C and -5 °C). This marking is always combined with the mechanical strength (e.g. FT).

FILTER CATEGORY:

- 2-3 Ultraviolet (UV)
- Infrared (IR)
- 5-6 Sun protection filter
- 1,7-7 Welding filter
 - 1,7 Welding assistant
 - 3-5 Welding soldering
 - 5-7 Autogenous cutting >7 Electric welding
- The identification overview of our products can be found on the left side.

We would like to point out that existing lenses must not be changed, since otherwise the certification as a protection googgle will get void.

SAFETY GOGGLES MARKING ON FRAMES AND LENSES

				AL.			Application range of saftey goggles with plano lenses				
Page	Model	Frame material	Size (mm)	Weight	Frame marking	Lens marking	Visitor goggles	Generally	Food industry	Laboratory	Welding
8	9401 00	Plastic	140–16	22 g	B-D 166 F CE	2C1.2 B/D 1 F CE		Х			
9	9403 06	Plastic	160-12	30 g	D 166 F CE	5-2.5 D 1 F		X			
9	9403 05	Plastic	160-12	30 g	D 166 F CE	2C-1.2 D 1 F CE		X			
9	9407 00	Plastic	140-12	36 g	B-D 166 FTCE	2C-1.2 B-D 1 F T		X			
10	9626 00	Plastic	133–14	31 g	GA 166 F CE	2C-1.2 GA 1 F N CE		X			
10	9626 10	Plastic	125-15	30 g	GA 166 F H CE	2C-1.2 GA 1 F N CE		X			
10	9412 00	Plastic	140–16	27 g	GA 166 F CE	2C-1.2 GA 1 F K CE		×			
11	9610 00	Plastic	54–16	34 g	B-D 166 F CE	2C-1.2 B-D 1 F CE		×			
12	9627 00	Plastic	58–17	31 g	GA 166 F CE	2C-1.2 GA 1 F K CE		X			
12	9465 04	Metall	54–18	45 g	GA 166 F CE	2-1.2 GA 1 F CE		×			
13	9621	Plastic	60–15	30 g	BS EN 166 S CE	2C-1.2 BS 1 S CE		X			
13	9622	Metal	57–13	38 g	BS EN 166 S CE	2C-1.2 BS 1 S CE		X			
13	9623	Metal	57–13	39 g	BS EN 166 S CE	2C-1.2 BS 1 S CE		×			
14	9615	Metal	54-17 56-17 59-17	36 g	BS EN 166 S CE	2C-1.2 BS 1 S CE		x			
14	9616	Metall	53–18 56–18	35 g	BS EN 166 S CE	2C-1.2 BS 1 S CE		x			
14	9617	Metall	53–17 56–18	36 g	BS EN 166 S CE	2C-1.2 BS 1 S CE		X			
15	9448 11	Plastic	160–16	40 g	D 166 F CE	2C1.2 B-D 1 F CE	Х	X			
15	9407 10	Plastic	140–12	36 g	B-D 166 FT CE	5 B-D 1 F					X
16	9437 10	Plastic	46–16	135 g	GSF 166 34 CE	MG 1 S CE und 5 SCS 1 CE					Х
16	9450 10	Plastic	160-20	136 g	GA 166 BT 3 4 9 CE	2C-1.2 GA 1 BT 9 N CE				x	
17	9418 10	Metal	62-14	20 g	-	2-1.2 GA 1 F CE					
17	9430 20	Metal	62–14	20 g	-	4 GA 1 F CE					Χ









SINGLE SHIELD GOGGLES

- Stylish convex design
- Lenses with hard coating
- Lens: polycarbonate, transparent or grey tinting





Honeywell

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



105-120 mm

30 g

• Temples adjustable in length and inclination

53 mm

12 mm

- Comfortable nose bridge for perfect fit
- With anti-fog coating

160 mm



METAL CLIP, GLAZEABLE FROM + 2.00 UP TO -4.00 DPT. WITH CYL. + 2.00 DPT.

- Suitable for no. 9407 00 and 9407 10
- Easy fitting with a secure fixation
- Flexible metal frame
- Including cloth bag

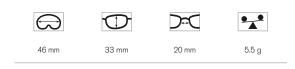


also available as

(see no. 9407 10 on page 15).



This metal clip is glazeable with all kinds of lens materials and from any optician, because the certified safety goggle remains unchanged.





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



	\Box	\bigcirc	\sum		•_•
Large	133 mm	42 mm	14 mm	125 mm	31 g
Small	125 mm	42 mm	15 mm	125 mm	30 g

- Aspherical lenses
- Temples adjustable in length and inclination







PROTE(TION GOGGLES

- Lenses with hard coating
- Lenses: polycarbonate, transparent
- Side protection made from polyamide

Honeywell

UNIVERSAL

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







INFIELD

PROTECTION GOGGLES UNIVERSAL

- Temples adjustable in length and inclination
- Integrated, transparent top and side protection
- Lenses: polycarbonate, transparent



PROTECTION GOGGLES HIGH QUALITY FRAME

- Side protection made of polycarbonate
- Lenses with hard coating
- Lenses: polycarbonate, transparent







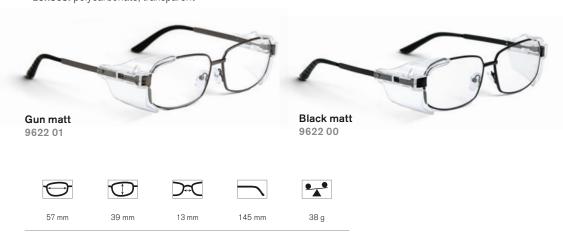
HIGH QUALITY PLASTIC FRAME

- Stylish convex design with wide temple
- Lenses: polycarbonate, transparent



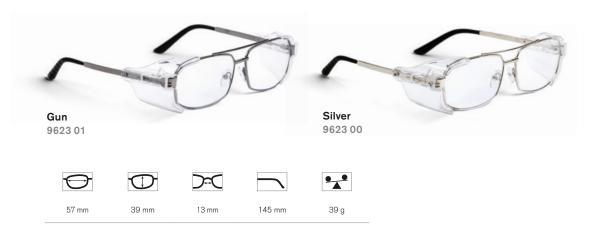
MODERN SHAPE WITH SIDE PROTECTION

• Lenses: polycarbonate, transparent



CLASSIC WITH DOUBLE BRIDGE AND SIDE PROTECTION

• Lenses: polycarbonate, transparent



UNISEX PANTO WITH DOUBLE BRIDGE

• Lenses: polycarbonate, transparent



	\bigcirc	\bigcirc	D=C		•	
Small	54 mm	39 mm	17 mm	140 mm	36 g	
Medium	56 mm	41 mm	17 mm	140 mm	36 g	
Large	59 mm	45 mm	17 mm	140 mm	36 g	

UNISEX RECTANGULAR

• Lenses: polycarbonate, transparent



Small 53 mm 35 mm 18 mm 140 mm 35 g	
Large 56 mm 38 mm 18 mm 140 mm 35 g	

UNISEX PANTO

• Lenses: polycarbonate, transparent



	\bigcirc	\bigcirc	\sum		•
Small	53 mm	39 mm	17 mm	140 mm	36 g
Large	56 mm	42 mm	18 mm	140 mm	36 g



Honeywell

VISITOR GOGGLE

- 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



WELDING GOGGLES UNIVERSAL XC

- XC stands for X-tra comfort, X-tra coverage, X-tra control
- Perfect fit through easily adjustable temples and comfortable bridge
- Lenses with hard coating
- Replacement lenses
- Temples adjustable in length and inclination
- Lens: polycarbonate, green tinting (98% absorption)

PROTE(TION LEVEL 5

You will find the suitable glazing insert no. 9407 05

on page 9.



140 mm 57 mm 12 mm 100-113 mm 36 g

WELDING GOGGLES WITH PROTECTION LEVEL 5

- Indirect ventilation slits
- Elastic, adjustable head band
- Lenses: Glare Shield: Athermal-Welding protection lenses (98% absorption)

PROTE(TION LEVEL 5



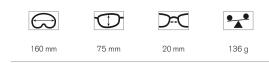




LABORATORY GOGGLE WITH VENTILATION SLITS

- 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





METAL CLIP GLAZEABLE FROM +/- 4.00 DPT. WITH CYL. 2.00 DPT.

- Suitable for no. 9450 10
- Easy fitting with a secure fixation



This metal clip is glazeable with all kinds of lens materials and from any optician, because the certified safety goggle remains unchanged.

FOR WELDING

PROTE(TION LEVEL 5



SAFETY CLIP-ON FLIP UP

- To clip onto the prescription frames
- Lenses with hard coating



Lenses: polycarbonate, transparent 9418 10



62 mm



54 mm

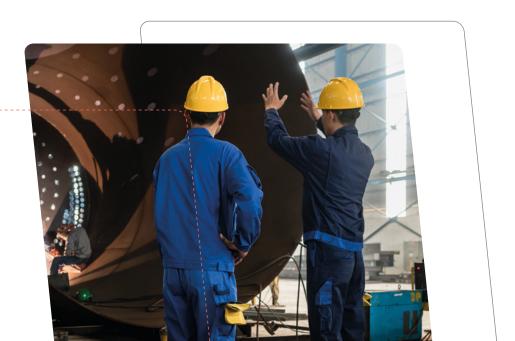


14 mm



20 g

Lenses:
polycarbonate, green tinting
(98% absorption)





UNIVERSAL

- For almost all temples on metal or plastic frames
- Polycarbonate
- Fixation by means of a rubber mounting band

PROTECTION AGAINST OPTICAL RADIATION AND MECHANICAL INFLUENCES

- Temple support: 12 mm
- Eye rim support: 7 mm
- Max. frame height: 40 mm

PROTECTION FOR THIN TEMPLES

- Temple support: 8 mm
- Eye rim support 5 mm
- Max. frame height: 30 mm





Transparent 1315 02



1 pair

Grey transparent 1315 11



1 pair

Transparent 1309 02



1 pair

Grey transparent 1309 01

PROTECTION MADE OF MEDICAL POLYMER, FLEXIBLE ADJUSTMENT

- Temple support: 9 mm
- Eye rim support: 7 mm
- Max. frame height: 43 mm





1 pair

Transparent 1308 00



1 pair

Grey 1308 01



AGAINST OPTI(AL RADIATION

Leather with adjustable metal rim

PROTECTION TO BE FIXED INSIDE THE EYE RIM

■ Temple loop: 8 mm



1 pair

Black 1302 00

PROTECTION FOR ROUND FRAME SHAPES

- To clip onto the eye rim
- Temple loop: 16 mm
- Eye rim support: 2.5 mm





Black 1304 02



Adjustable to almost every frame shape

PROTECTION MADE OF SOFT SYNTHETIC LEATHER

WITH FLEXIBLE METAL INSERT

- Temple support: 10 mm
- Temple support at the front: 16 mm



1 pair

Brown 1303 15 The silicone side protection Art. No. 1316 .. can be found in the Workshop catalogue 20/21 in chapter D.

PROTECTION FOR THIN TEMPLES

- Semi flexible plastic (CA)
- Temple support: 4 mm



1 pair

Transparent 9480 03



1 pair

Brown 9480 10



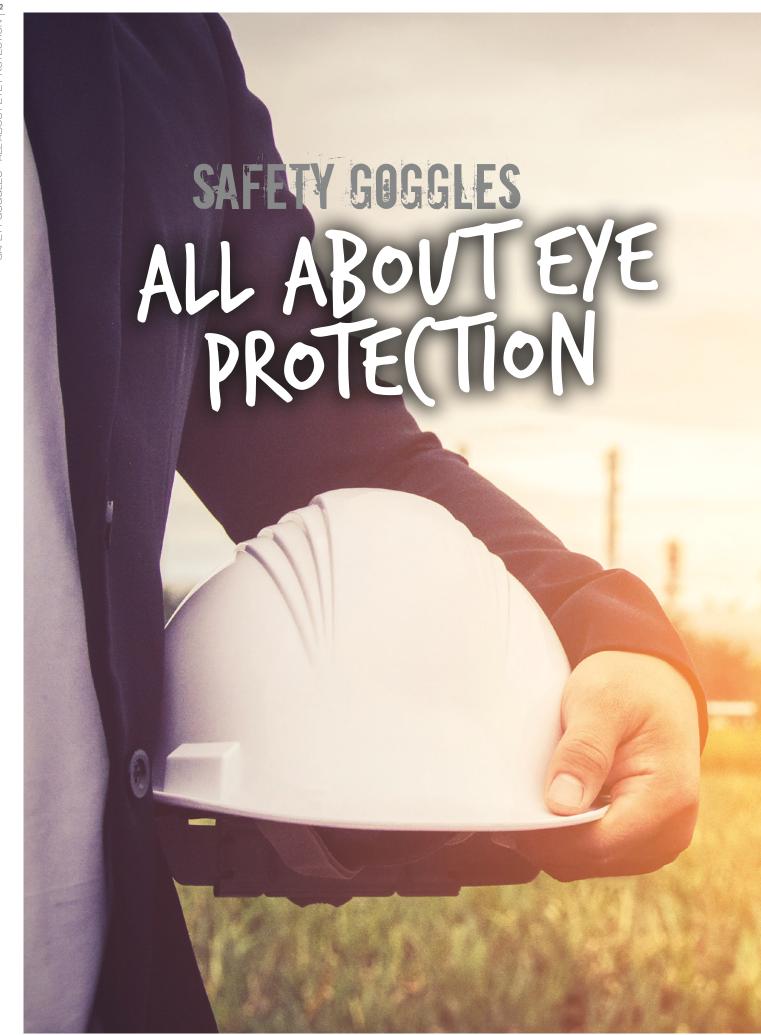
AGAINST OPTI(AL RADIATION AND SLIGHT ME(HANI(AL INFLUEN(ES

- Soft Kevlar
- With long loop and Velcro fastener suitable for every frame
- Individual fitting by adjustable metal clamp



Beige 1330 02





Application areas, workplace conditions and hazard potential play an important role in the selection of suitable safety goggles. All frames and lenses contained in this brochure are certified and tested to DIN EN 166. This is a legal requirement to make sure that the safety goggles offer the required protection and is certified according to the specifications of the PPE (Personal Protective Equipment). You can recognize this by the stamp on the lenses.

Further information can be found on page 4.

The frame of a safety goggle must guarantee the protection of the eyes and avoid injuries. Important criteria is a firm fit, anti-slip temples or side protection. About the material, both plastic and metal frames can offer maximum protection against injuries. Our wide range of safety frames offer a perfect fit for all head shapes.



B&S is at your service, world wide



www.b-s.de

Breitfeld & Schliekert GmbH

Max-Planck-Straße 30 61184 Karben / Germany +49 (0) 6039 993-10 | info@b-s.de







