

WÜRTH Industrie Service

DE | **EN** | FR

OCCUPATIONAL SAFETY

for the Industry



A GOOD GRIP ON EVERYTHING.



Better safe than sorry. 100 % protection and no compromises:
When it comes to the safety of life and limb, you need a strong partner.
From prevention to personal protective equipment and specialist seminars –
with Würth Industrie Service you are on the safe side.

**100 % PROTECTION.
NO COMPROMISES.**

PREFACE



Heiko Noack

**Dear customer,
dear Sir or Madam,**

Today, professional safety at work is an indispensable prerequisite for safe and legally compliant work.

Würth Industrie Service offers you the complete range for all industries from a single source – from personal protective equipment (PPE) to fall protection and skin protection. This catalogue gives you a comprehensive overview of our specialised product range for the industrial sector.

In this way, we help you to ensure safety in your company, your production facilities and on your construction sites. We are looking for suitable solutions according to current requirements. "We are committed to your safety!"

Under the service brand "CPS® – C-Parts Solutions", Würth Industrie Service offers you modular system solutions which can be easily adapted to your needs. The most important components include: innovative vending machines, scanner-supported shelving systems, consumption-based supply of assembly stations, e-commerce connections to the central warehouse as well as global availability of our service modules.

We have a big goal: To make sure that "Each customer gets their own Würth". We will be glad to provide you with your individual modular concept for your needs in the field of personal protective equipment and more.

Do not hesitate to contact us: We will be happy to support you on the subject of occupational safety.

Best regards from Bad Mergentheim,



Heiko Noack

Head of the Division Occupational safety, Tools & Hazardous Substance Management
Würth Industrie Service GmbH & Co. KG



**You will find workwear, safety boots
and much more in the current
Würth MODYF Workwear
catalogue.**



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02

"PERSONAL PROTECTIVE EQUIPMENT FOR SAVING LIVES!"

Employees are the most valuable asset of any company. Therefore, maintaining health is of fundamental importance. Visible and invisible dangers lurk permanently in our working environment.

Definition PPE

Personal protective equipment (PPE) means every equipment intended to be used or worn by the employees to protect their safety and health against a risk as well as every additional equipment used for the same purpose and which is related to the personal protective equipment.

PPE regulation

Within the European Union, the basic requirements for personal protective equipment are covered by the PPE Regulation (EU) 2016/425.

The PPE regulation classifies PPE into risk categories against which the PPE is intended to protect the user.

- | | |
|----------------------|---|
| Category I: | includes exclusively minimal risks. |
| Category II: | includes risks other than those listed in category I or category III. |
| Category III: | includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health. |

The specific requirements and test procedures for PPE products are further specified in corresponding EN standards.



Würth – experienced specialist for personal protective equipment

Würth has been supplying craftsmen, construction companies and industrial firms all over the world for many years and knows about their professional requirements – not only about tools and working materials, but especially about occupational safety. PPE from Würth has been particularly designed to meet the requirements of professional users and corresponds with the current standards and safety standards of the respective industry.

From head to toe

The Würth range offers very comprehensive occupational safety solutions from head to toe in the following areas: hand protection, eye protection, ear protection, breathing protection, head protection, fall protection, foot protection, protective clothing and workwear.

Products can be ordered online at: www.wuerth-industrie.com/occupationsafety

WÜRTH MODYF Workwear

The English proverb "Better safe than sorry" puts occupational safety in a nutshell. Manual and physical work always involves a certain occupational risk which has to be reduced. You can reduce the risk of danger for your company and your employees in the best possible way by using the right workwear and safety boots. Würth MODYF as a professional specialist for more than 20 years.



You will find workwear, safety boots and much more in the current Würth MODYF Workwear catalogue.

Safe and reliable

When riding your motorbike, you have to wear a helmet – it is given by legal regulations and common sense. There are also many dangers lurking in our working environment. Wearing suitable protective equipment is therefore of fundamental importance and often prescribed by law.

According to the Occupational Health and Safety Act, the employer must carry out a risk assessment to identify all hazards to employees and define appropriate measures. In addition, the employer has to provide a sufficient number of personal protective equipment for personal use as required by the risk assessment.

Regular checks on the implementation of the defined measures as well as regular instruction on the use of PPE round off the company's duties and ensure to minimise the safety and health risk for the employees. Würth provides the entire range of high-quality protective equipment and supplementary services in accordance with the principle: "100 % protection and NO compromises".



02

STRETCHX

Würth MODYF, a company that wants to offer the best workwear and safety boots: Masterpieces, visionary thinking inspires and motivates us every day to set future-oriented standards in workwear.

Discover the highlights of the STRETCH X collection online and get inspired.

CREATE YOUR MASTERPIECE

MODYF.DE WORKWEAR

**WÜRTH
MODYF**



german
brand
award
2018
winner



FLAME PROTECTION



WELDER PROTECTION



HIGH-VISIBILITY WARNING

MULTINORM CLOTHING

FOR WORK WITH EXTREMELY HIGH PROTECTION CONDITIONS

02

Workwear for the daily work

Workwear is clothing worn when exercising a service, a craft or technical profession – instead of or in addition to private clothing – but which does not provide a protection against general risks at work.

Protective clothing as a precaution

Protective clothing is defined as clothing that provides additional protection to normal clothing. This is called personal protective equipment (PPE) which is intended to protect the body, arms and legs against harmful effects during work.

Multinorm-clothes provide the ideal combination

If there are multiple risks at a workplace, the use of Multinorm clothing is the right choice. This clothing meets several legal standards at the same time and also offers the wearer more comprehensive protection even in a workplace with multiple risks.

The requirements for personal protective equipment and its use are covered in Europe by the superordinate European Directive 89/686/EEG and further specified by numerous standards and laws.

Protect your employees from the daily dangers at the workplace. Do not hesitate to contact us!

We offer you:

- Free company and workplace inspections
- Risk analysis on site with documentation
- Concept development and presentation of suitable models
- Sampling and support during wearing test
- Individual refinement (Corporate Identity) by applying your company logo and type examination certificate
- Implementation in logistic solutions such as ORSY® shelving systems, ORSY®mat, ORSY®CRIB, RFID-Kanban.

Your benefits:

- Prevention of occupational accidents
- Optimal documents for instruction
- Lower costs through a reduced variety of articles

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HANDSCHUHPLAN

Abteilung	Werkstatt			
Typ				
	Chemikalienschutzhandschuh Nitril	Einweghandschuh Nitril extra stark	Mechanikerhandschuh	Schnittschutzhandschuh Komfort mit DYNEMA- Fasern
Material	Nitril	Nitril	Nylongewebe, Naturkautschubbeschichtung	Dynemastoff-gewebe (K) Beschichtung
Nr.	089943507 (Gr. 7) 089943508 (Gr. 8) 089943509 (Gr. 9) 089943510 (Gr. 10) 089943511 (Gr. 11)	0899470408 (Gr. 8) 0899470409 (Gr. 9) 0899470410 (Gr. 10) 0899470411 (Gr. 11)	0899400329 (Gr. 8) 0899400330 (Gr. 9) 0899400331 (Gr. 10) 0899400332 (Gr. 11)	0899400333 (Gr. 8) 0899400334 (Gr. 9) 0899400335 (Gr. 10) 0899400336 (Gr. 11)
	EN 374 	EN 388  EN 374  EN 374 	EN 388 	EN 388 
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			Kat. II	Kat. II

OCCUPATIONAL SAFETY PLANS

PPE Manager

Using the PPE manager, you can create your individual plan for your activity.

We offer you the following plans:

- Glove plan
- Skin protection plan
- Eye protection plan
- Breathing protection plan
- Hearing protection plan
- Overall PPE plan

The consistent use of suitable personal protective equipment (PPE) in everyday work is of fundamental importance. Especially hands and skin as well as the eyes, the respiratory tract and the ears are exposed to innumerable risks. With the plans of Würth you are optimally prepared: accidents at work can be avoided, you get optimal documents for instruction and you can also reduce your costs due to a reduced variety of articles.

In addition, we offer a systematic selection of suitable chemical protective gloves for the chemical-technical products of Würth in the PPE Manager.

Test now: Just register in the online shop of Würth and get started.

Your benefits

Customer-specific

- including customer logo

Free of charge

- as a PDF file or in printed version

Transparent

- clear overview
- structured according to activities and defined PPE

Safe

- preventing accidents at work
- optimal tool for instruction

Easy

- easier check by the safety specialist
- assistance in the selection of suitable products

 	
GLOVE PLAN	
Working area	Workshop
Article	
   	
Material	
White chemical protective glove Nitrile	Disposable nitrile glove, extra strong Nitrile
Mechanix's glove 100% Polyurethane, Natural rubber with cotton flock	Cut protection glove W1 S Level B Dynamically reinforced/elasticity: Polyurethane
Art. No.	
0000015027 (Size S) 0000015028 (Size M) 0000015029 (Size L) 0000015030 (Size XL) 0000015031 (Size XXL)	0000015048 (Size S) 0000015049 (Size M) 0000015050 (Size L) 0000015051 (Size XL) 0000015052 (Size XXL)
Standards Performance / Level	
EN 374-1   	EN 388   
Application	
I Working with, surface treatment, welding, painting and laboratory, white and neutral cleaning agents, highly acidic, neutralizing fluids, cleaning, handling products	II General industry • General industry and painting • Abrasive and pressure cleaning • General maintenance • Cleaning and maintenance • General work and general handling
III • 100% Nitril glove • Chemical resistant glove against acids, alkalis, organic acids, acids, gases, paints, solvents and oils • Suitable for transferring gases and liquids	IV • Excellent flexibility for fine assembly work • High level of grip and safety • Superior surface adhesion • High level of safety • High level of safety • High level of safety
Description	
• 100% Nitril glove • Chemical resistant glove against acids, alkalis, organic acids, acids, gases, paints, solvents and oils • Suitable for transferring gases and liquids	• Excellent flexibility for fine assembly work • High level of grip and safety • Superior surface adhesion • High level of safety • High level of safety • High level of safety
Würth Industries France S.à r.l. - 83, rue 17900 Bad Neuenbrunn, Germany - Phone: +49 (0) 931 911-20 Fax: +49 (0) 931 911-6000	

			
EAR PROTECTION PLAN			
Working area Article	Workshop		
			
Art. No.	Ear plug band + 000 	Ear foam +100 	Ear defenders black 
Damping dB(A) value	24 dB	27 dB	27 dB
Standards	EN 332	EN 332	EN 332-1
Description	• For use under the chin • Available in three different colours • Ergonomic design • Available perfectly close up to face • Long life of the strap eliminates additional costs	• Closed surface prevents bacteria • High degree of heat protection, the ear foam is made of polyurethane • Easily replaceable application for the user • Good long term storage stability and easy removal of the ear foam	• Always in hand thanks to a carrying strap • High resistance performance with good sound insulation properties • Available in three different colours • Good resistance, even in the face range, allows comfortable use
Important information	Change the earplugs on the bracket regularly for hygiene reasons. The bracket is designed for use under the chin.	Change earplugs regularly for hygiene reasons. These can be used instead for face maskings.	Clean or change earplugs regularly for hygiene reasons. Check, clean and if necessary replace the head cushions when under the chin.
Wurth Industry Products GmbH, D-91126 Würzburg, Germany, Phone: +49 (0) 93 1 31 100, Fax: +49 (0) 93 1 31 4000, info@wurth.de, www.wurth.de			
Our commitment: We are committed to the highest quality and maximum safety for our customers. This means we regularly invest in research and development to ensure the safety of our products. Customer safety and the highest quality are our top priorities. We are committed to the highest quality and maximum safety for our customers. This means we regularly invest in research and development to ensure the safety of our products. Customer safety and the highest quality are our top priorities.			




EYE PROTECTION PLAN

Working area		Workshop	
Article			
Art. No.			
			
	Safety glasses CPWHSU2	Welding goggles CPWHSU2	Full-face goggles Andronox
Standards	0000 02310 1 600 000 000 000 000	0000 02310 1 600 000 000 000 000	0000 02310 1 600 000 000 000 000
	EN 166, EN 170	EN 166, EN 149	EN 166, EN 170
Glass color	Clear	Green	Clear
	F (454) / d	S	F (454a) / d
Application			
			Milling, turning and grinding work, powder handling work, assembly and disassembly, with indirect metal sparks
Description			
	• Spring clip is bendable for precise fit • 100% optical clarity • Highly impact resistant polycarbonate lenses • Removable mounting on both sides • 100% UV protection (up to 400 nm)	• Headset design • 100% impact resistant polycarbonate lenses • Clear safety mounting using extremely strong bonding in a 2 x 10 mm slot	• Spectrum • Removable field of vision • Removable headgear for direct use • Suitable for combining with a full-face helmet • High impact resistant polycarbonate lenses • Removable mounting on both sides • 100% UV protection (up to 400 nm) • Removable mounting on both sides • Individually adjustable headband • 100% UV protection (up to 400 nm)
			• Excellent coverage of the work area • Removable for disassembly (EN 106) • Removable for disassembly (EN 106) • Clear safety mounting using extremely strong bonding in a 2 x 10 mm slot • 100% UV protection (up to 400 nm) • Removable mounting on both sides • The safety of the goggles and the protection of the operator's face • Fully adjustable, flexible and easy to combine

Würth Elektronik GmbH & Co. KG · 72630 Rastatt/ Germany · Phone: (49) 7142 110 100 · Fax: (49) 7142 110 1002 · info@wuerth-elektronik.com · www.wuerth-elektronik.com

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The new protection plan is developed solely and exclusively based on the customer's information. WÜRTH assumes no liability for damages resulting or as a consequence of incorrect description of the product or its use. The use of the protection plan requires constant attention. Therefore, the customer must be aware of the general rules of occupational safety and health.

OCCUPATIONAL SAFETY

01	Table Of Contents	2-11
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04	Materials Management With Vending Machines	24-27
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MATERIALS MANAGEMENT WITH VENDING MACHINES

The ORSY[®]mat system

ORSY[®] is the shelving system that provides optimal storage and provision of materials, enabling to implement an **OR**dered materials management **SY**stem.

Our vending machines are available in various models for an automated material supply. All vending machines are access-restricted and closed systems with fully automatic reordering function.

04 For this very safety reason, our customers trust in these solutions. Using the combinable models of vending machines, we take care of the supply, storage, provision to the fully automatic reordering. Just the right solution for personal protective equipment (PPE) and other operating supplies.

ORSY[®]mat system advantages

Access-restricted storage

The ORSY[®]mat system is a closed system which allows only authorized persons to access the items.

Maximum process transparency

The system sends individual reports by e-mail as well as all collected data as an Excel file. This gives you an overview of all transactions, withdrawals and order placements. Cost center assignment is also possible.

Modular design

The composition of the combinable vending machine modules is made according to your product variety, product size and quantities your require.

Easy connection

The machines only need a power supply to order all withdrawn articles fully automatically. Via mobile network, communication directly takes place with the ERP system of Würth Industrie Service. An integration into your existing network is not necessary.

Reduced costs

Due to careful handling, reduced consumption and workload for your employees, you not only reduce material costs, but also gain time to concentrate on your core business.

THE EASY SOLUTION!

1. **LOG IN.**
2. **RETRIEVE PRODUCT.**
3. **THE SYSTEM REORDERS AUTOMATICALLY.**

FIGURE IT OUT.

For more information: www.wuerth-industrie.com/vending

ORSY[®]mat

Easy integration into the material supply

The machines can be integrated into the existing material supply without any problems. You do not have to change internal processes.

Automatic reordering

Withdrawn items are automatically reordered. The orders are collected in our logistics department and delivered within the agreed cycle. Optional storage of the goods by employees of Würth Industrie Service.



OCCUPATIONAL SAFETY

01	Table Of Contents	2-11
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05

OUR SERVICE FOR YOU!

Optimal safety with the glove plan of Würth.
See page 23 for further information.

GLOVES

STANDARDISATION AND MARKING OF PROTECTIVE GLOVES

Within the European Union, the basic requirements for personal protective equipment (PPE) are covered by the PPE Regulation (EU) 2016/425.

The PPE regulation classifies into risk categories against which the PPE is intended to protect the user.

- Category I:** includes exclusively minimal risks.
- Category II:** includes risks others than those listed in category I or category III.
- Category III:** includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health.

All gloves are assigned to a risk category.
Please see the technical data of the respective gloves.

The specific requirements and test procedures for PPE products are further specified in corresponding EN standards.

The most important gloves standards

EN 420:2003+A1:2009

This standard specifies the relevant test methods applicable to all protective gloves and the general requirements for the basic glove design and manufacture, the resistance of the glove material to water penetration, innocuousness, comfort and performance. Furthermore, the necessary marking as well as the information supplied by the manufacturer are specified.

EN 388:2016

EN 388 is the most important standard in the field of mechanical protective gloves and specifies the requirements, test methods, marking and manufacturer information against mechanical risks of abrasion, cutting, tearing, puncturing and, where applicable, impact.

EN 388:2016

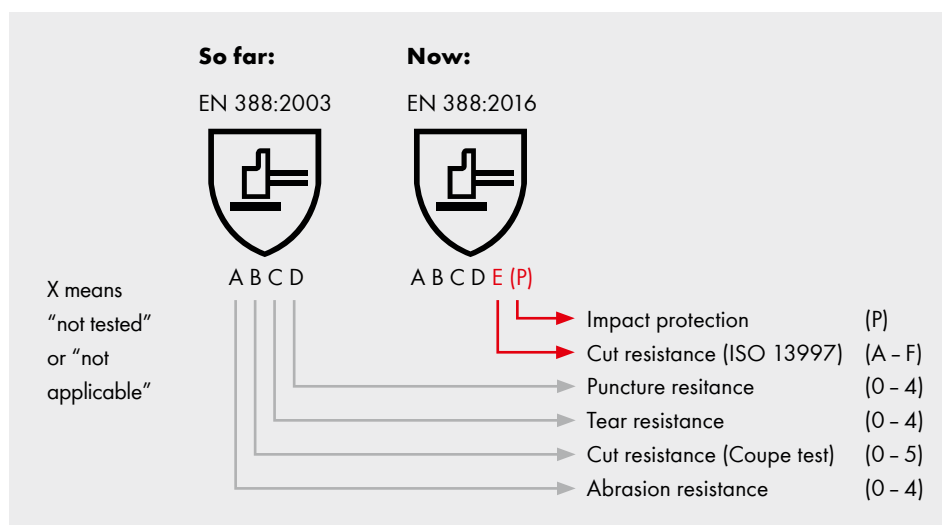


A B C D E (P)

For further information see chapter Cut Protection Gloves from page 78.

05

New marking of protective gloves according to EN 388:2016



	Test criteria	Performance levels	1	2	3	4	5	
A	Abrasion resistance (number of rubs)	0 - 4	100	500	2000	8000	-	
B	Cut resistance (Coupe test/index)	0 - 5	1.2	2.5	5	10	20	
C	Tear resistance (N)	0 - 4	10	25	50	75	-	
D	Puncture resistance (N)	0 - 4	20	60	100	150	-	
			A	B	C	D	E	F
E	TDM cut resistance ISO 13997 (N)		2	5	10	15	22	30
P	Impact protection (optional)	P	If the glove has not been tested against impact, there is no marking					



Further standards

Protective gloves against cold

EN 511:2006



A B C

X means
"not tested" or
"not applicable"

Water resistance	(0 - 1)
Conductive cold	(0 - 4)
Convective cold	(0 - 4)

Protective gloves against thermal risks

EN 407:2004



A B C D E F

X means
"not tested" or
"not applicable"

Larges quantities of liquid metal	(0 - 4)
Small splashes of molten metal	(0 - 4)
Radiant heat	(0 - 4)
Convective heat	(0 - 4)
Conductive heat	(0 - 4)
Flammability	(0 - 4)

KNITTED GLOVES



Coarse-knit glove Universal

05

Rugged round-knit glove for dry working areas

- Seamless round-knit glove made of polyester/synthetic yarn
- Good flexibility and fit
- Non-slip, vinyl dot coating

Gauge	7
Material of the liner	Acrylic/polyester
Material coating	PVC dots
EN standard	388, 420
Category	II



Size	Art. No.	P. Qty.
8	0899 400 108	12
10	0899 400 110	12

Details/Application

- Suitable for light to medium mechanical stress during installation work
- Sorting work
- Packaging and shipping work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Proof of Performance

EN 388:
2016



1 1 4 1 X

Polyamide/cotton coarse-knit glove

Universal, rugged glove for all dry applications

Seamless, two-layer round-knit design

- Interior: Cotton liner for comfort
- Exterior: Rugged, wear-resistant nylon

Non-slip, vinyl dot coating on the palms and reinforced fingertips

Good resistance to abrasion and wear

Good cold and heat protection



Gauge	7
Material of the liner	Polyamide/cotton
Material coating	PVC dots
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
8	0899 400 010	6
9	0899 400 020	6
10	0899 400 030	6
12	0899 400 040	6

Proof of Performance

**EN 388:
2016**



2 2 4 1 X

05

Details/Application

- Suitable for medium to high mechanical stress
- For all dry construction work
- Sheet steel, plastic and metal processing
- Picking, packing and installation work
- Wood processing
- Agriculture and forestry

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Coarse-knit glove Economy

Functional glove with a non-slip dot coating

- Polyester/cotton backing fabric
- Good comfort and good fit thanks to round-knit design

Gauge	7
Material of the liner	Polyester/cotton
Material coating	PVC dots
EN standard	388, 420
Category	II



Size	Art. No.	P. Qty.
8	0899 404 08	12/144
10	0899 404 010	12/144

Proof of Performance

EN 388:
2016



1 1 2 1 X

05 Details/Application

- Suitable for light to medium mechanical stress in dry areas
- For light to medium warehouse, picking and installation work
- Agricultural and forestry work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Polyamide/cotton fine-knit glove

Knitted glove with a good fit for flexible use

Seamless, two-layer round-knit design

- Inside: Cotton material makes them pleasant to wear
- Outside: Rugged, wear-resistant nylon

High level of flexibility

Good fit

Good tactile sensitivity

Good grip

Thanks to abrasion-proof vinyl dots



Gauge	13
Material of the liner	Polyamide/cotton
Material coating	PVC dots
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 404 107	12
8	0899 404 108	12
9	0899 404 109	12
10	0899 404 110	12

Proof of Performance

EN 388:
2016



3 1 4 1 X

05

Details/Application

Ideally suited for fine, precision work:

- Picking and packaging work
- For handling sensitive materials in dry applications
- Suitable for repair and maintenance work
- Assembly and manufacturing work for household appliances and electronics
- Kitchen installation and the furniture industry

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove Top-flex

Fingerless thumb, index and middle fingers for optimum dexterity

- Seamless round-knit polyamide backing fabric
- Anti-slip coating on palms ensures a good grip
- Dot-coating on backs of knuckles

Gauge	10
Material of the liner	Polyamide
Material coating	PVC dots
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
8	0899 404 308	6
9	0899 404 309	6
10	0899 404 310	6

Related products	Art. No.
Glove holder with snap hooks	0899 899 023



Proof of Performance

EN 388:
2016



2 1 4 2 X

Details/Application

- Ideal for fine, precise work
- Picking and packaging work
- Installation work
- Interior fitting
- Shipping, transport and warehouse work



Protective glove, knitted

Nitras 6100

- Burled on palm
- With knitted cuff

Gauge	10
Material of the liner	Cotton/nylon
Material coating	PVC dots
EN standard	388
Category	II
Colour	White



Size	Art. No.	P. Qty.
6	1931 027 953	12
7	1931 027 954	12
8	1931 027 955	12
9	1931 027 956	12
10	1931 027 957	12
11	1931 027 958	12

Proof of Performance

EN 388:
2016



2 1 4 2 X

05

Protective glove, knitted

Nitras 6101

- Burled on palm
- Knitted cuff

Gauge	10
Material of the liner	Cotton/nylon
Material coating	PVC dots
EN standard	388
Category	II
Colour	Blue



Size	Art. No.	P. Qty.
6	1931 027 959	12
7	1931 027 960	12
8	1931 027 961	12
9	1931 027 962	12
10	1931 027 963	12
11	1931 027 964	12

Proof of Performance

EN 388:
2016



2 1 4 2 X

NITRILE GLOVES



Blue nitrile glove

05

Laminated safety cuff

Nitrile coating on heavy-duty cotton jersey lining

Breathable

Thanks to open backs of hands

Very comfortable to wear

Liquid-repellent and oil-repellent with good chemical resistance

Effective resistance to abrasion



Proof of Performance

EN 388:
2016



4 1 2 1 X

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388, 420
Category	II
Colour	Blue

Size	Art. No.	P. Qty.
10	0899 420	12
11	0899 420 100	6

Details/Application

For medium to heavy mechanical stress.

For metalworking, material processing, construction and road building, waste disposal and removal.

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Blue nitrile glove Economy

Safety cuff

Medium-weight, cotton jersey lining, dip-coated in nitrile and synthetic latex

Canvas safety cuff

Breathable

Thanks to open backs of hands

Effective resistance to abrasion

Liquid-repellent

Size	10
Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388, 420
Category	II
Colour	Blue



Proof of Performance

**EN 388:
2016**



3 1 1 1 X

Art. No. 0899 420 001

P. Qty.: 12 / 144

Details/Application

Medium mechanical resistance for many manual activities, construction work, road building, metal processing, supply and disposal

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove, nitrile

Ansell Hycron® 27-607

A durable glove for demanding use

- More robust and flexible than PVC.
- Effective fat and oil barrier, no quality impairment like leather or cotton.
- Silicone-free. Guaranteed purity for the metal parts and engine production.
- $\frac{3}{4}$ coating
- Safety cuff

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Blue

Size	Art. No.	P. Qty.
8	1931 020 155	12
9	1931 020 156	12
10	1931 020 157	12
11	1931 020 158	12

Details/Application

- Plastic moulded parts
- Building materials, concrete, bricks and tiles
- Heavy-duty cables
- Rough castings and cores
- Rough timber, dry walling and plywood
- Steel bars, sheet metals, cans and other metal products
- Street cleaning and waste disposal



Proof of Performance

EN 388:
2016



4 2 2 1 X

Protective glove, nitrile

Nitras 3440P

Premium quality

- Fully coated
- Canvas cuff
- Very soft
- Very comfortable to wear

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Blue

Size	Art. No.	P. Qty.
10	1931 010 094	12
11	1931 027 965	12



Proof of Performance

EN 388:
2016



4 2 2 1 X

Protective glove, nitrile

Nitras 03440 NTR

Protective gloves with nitrile coating, fully coated

- On cotton jersey
- Canvas cuff

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Blue



Size	Art. No.	P. Qty.
8	1931 010 095	12
9	1931 010 096	12
10	1931 010 097	12
11	1931 010 098	12

05

Protective glove, nitrile

Nitras 03435

- 3/4-coated
- On cotton jersey
- Canvas cuff
- Palm with cotton terry fabric

Size	10
Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Blue



Art. No. 1931 010 099

P. Qty.: 12

Proof of Performance

EN 388:
2016



4 2 2 1 X

Nitrile glove, yellow

Universal, lightweight assembly glove with nitrile coating

- Nitrile coating on a dense interlock cotton lining with knitted wrist gaiters
- Breathable through open backs of hands
- Good abrasion resistance
- Repellent to liquids, oil and grease
- Very good dry grip



Material of the liner	Cotton-Interlock
Material coating	Nitrile
EN standard	388, 420
Category	II
Colour	Yellow

Proof of Performance

EN 388:
2016



3 1 1 1 X

Size	Art. No.	P. Qty.
7	0899 410 07	12
8	0899 410 08	12
9	0899 410 09	12
10	0899 410 10	12

Details/Application

- For light to medium mechanical stress
- Repair and maintenance work
- Light vehicle bodywork
- Automotive industry, car and truck servicing
- Sanitary installations

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Nitrile glove Economy, yellow

Lightweight assembly glove with nitrile coating

- Dip-coated in nitrile and synthetic latex
- Cotton/polyester interlock lining with wrist gaiter
- Good dry drip
- Partially liquid repellent
- Breathable thanks to open backs of hands



Proof of Performance

EN 388:
2016



2 1 1 1 X

Material of the liner	Cotton-Interlock
Material coating	Nitrile
EN standard	388, 420
Category	II
Colour	Yellow

Size	Art. No.	P. Qty.
9	0899 410 109	12/144
10	0899 410 110	12/144

Details/Application

For lighter mechanical stress in the following fields:

- Construction
- Automotive industry
- Repair and maintenance work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove, nitrile

KCL Sahara 100

- High mechanical load-bearing capacity
- Moisture repellent
- Good fit
- High breathability
- Additional wrist protection
- Free from plasticisers
- Free from allergens
- Silicone-free

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Yellow



Proof of Performance

EN 388:
2016



3 1 1 1 X

05

Size	Art. No.	P. Qty.
7	1931 008 098	10
8	1931 008 099	10
9	1931 008 100	10
10	1931 008 101	10

Details/Application

- Working with oily and wet parts
- Wood and garden work
- Metalwork and mechanical engineering
- Work in the construction industry
- Assembly and transport operations
- Fork lift work
- Automotive industry
- Metal and plastic processing



Oeko-Tex® is a registered trademark of the research institute Hohenstein Prof. Dr. Jürgen Mecheels GmbH & Co. KG, 74357 Bönningheim, Germany.

Protective glove, nitrile

Nitras 3400X

Premium quality

- Nitrile gloves, bleached
- 3/4-coated
- With knitted cuff

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Yellow

Size	Art. No.	P. Qty.
7	1931 008 050	12
8	1931 008 051	12
9	1931 008 052	12
10	1931 008 053	12
11	1931 008 054	12



Proof of Performance



05

Protective glove, nitrile

Nitras 03400

- Nitrile-coated cotton jersey
- Knitted cuff
- Partly coated
- Excellent touch sensitivity
- Good abrasion resistance

Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388
Category	II
Colour	Yellow

Size	Art. No.	P. Qty.
7	1931 008 093	12
8	1931 008 094	12
9	1931 008 095	12
10	1931 008 096	1/12
11	1931 008 097	12



Proof of Performance



Details/Application

Suitable for work in

- Road construction
- Mechanical engineering
- Agriculture and construction
- Paint shop
- Petrol stations

TECHNICAL GLOVES



Protective glove Nitrilon Plus

05

Outstanding mechanical resistance

- High-quality acrylic/nitrile/butadiene coating on a rugged, seamless round-knit polyamide backing fabric
- Skin-friendly backing and coating materials
- Excellent dry grip properties for safe handling of workpieces and tools
- Great fit



Gauge	10
Material of the liner	Polyamide
Material coating	Nitrile
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
8	0899 400 660	6
9	0899 400 661	6
10	0899 400 662	6

Proof of Performance

EN 388:
2016

4 1 3 2 X

Details/Application

- Broad spectrum of installation and skilled trade work
- Medium mechanical loads
- Car bodywork
- Construction industry
- Metalworking
- Plastic processing
- Automotive and HGV industry
- Maintenance and household appliance technology

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Craftsman's glove Professional

Universal glove with excellent wet and dry grip and vibration-damping properties

- Cotton jersey backing fabric
- Excellent dry and wet grip
- Pressure and vibration-damping properties
- Optimum fit
- Velcro closure ensures wearer safety



Proof of Performance

EN 388:
2016



2 1 2 1 X

Material of the liner	Cotton
Material coating	PVC foam
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
8	0899 400 652	6
9	0899 400 653	6
10	0899 400 654	6
11	0899 400 655	6

Details/Application

- The all-rounder for any work in the skilled trades and industry
- Light to medium work where a good grip and a high degree of flexibility are required
- Ideally suited for installation, workshop, mechanic's tasks and bodywork
- Optimum for freight forwarding, transport and storage tasks
- For work with hand tools and machines

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Mechanic's glove Uni-Top

Universal glove for work performed by mechanics and skilled tradesmen

- Skin-friendly, seamlessly round-knit polyamide backing fabric
- Very good dry and wet grip properties
- Special foamed polymer coating with pressure and vibration-damping properties
- Outstanding fit and flexibility thanks to stretchable materials
- Wearer safety ensured thanks to rip-tape fastening



Gauge	15
Material of the liner	Polyamide
Material coating	PVC foam
EN standard	388, 420
Category	II

Proof of Performance

EN 388:
2016



3 1 3 1 X

Size	Art. No.	P. Qty.
8	0899 400 690	6
9	0899 400 691	6
10	0899 400 692	6

Details/Application

- All purpose glove for any work in the skilled trades and industry
- Ideally for installation and workshop activities, mechanic's tasks and bodywork
- Freight forwarding, transportation and storage activities
- For work with hand tools and machines
- Activities requiring secure fitting of the gloves on your hands

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Mechanic's glove

Universal glove with good mechanical resistance and special surface texturing for excellent dry and wet grip

- Outstanding flexibility for fine assembly work
- Good mechanical resistance
- Special surface texturing for outstanding wet and dry grip
- Skin-friendly, seamless knitted nylon lining
- High-quality natural latex coating with open backs of hands for good breathability



Proof of Performance

**EN 388:
2016**



2 1 3 1 X

Gauge	15
Material of the liner	Polyamide
Material coating	Natural rubber with crinkle finish
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 400 528	6
8	0899 400 529	6
9	0899 400 530	6
10	0899 400 531	6
11	0899 400 532	6

Details/Application

- Any tasks requiring a good wet grip and good tactile properties
- Light to medium installation and workshop work
- Ideally suited for mechanic's tasks
- Changing tyres, automotive manufacture and maintenance, bodywork
- Medium-level sorting, packaging and warehouse work, freight forwarding work
- Light to medium work in construction, especially in interior decoration

Related products	Art. No.
Glove holder with snap hooks	0899 899 023



Mechanic's glove Pro

With an integrated magnet on the back of the hand to attach small tools and fastening materials.

Robust protectors on the back of the hand and fingers

Shock-absorbing inserts in the palm

Durable thanks to

- Specific reinforcements at areas placed under strain
- Especially durable triple stitching on the palm

Great fit and high degree of user safety

Thanks to soft neoprene rip-tape fastening

Comfortable

Thanks to breathable, elasticated polyester fabric on the back of the hand



Proof of Performance

**EN 388:
2016**



2 1 3 1 X

Standards	EN 388 EN 420
Category	II

Size	Art. No.	P. Qty.
8	0899 400 748	1
9	0899 400 749	1
10	0899 400 750	1

Details/Application

For light to medium-duty mechanical tasks

- Trade fair construction
- Storage and logistics tasks
- Assembly tasks
- Mechanic's and workshop tasks
- Working with hand tools and machines



Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Mechanic's glove Cut plus

Robust all-round gloves with excellent cut protection

Maximum safety and long service life

- Special cut protection fibres around the palm surfaces
- Specific reinforcements at areas placed under strain

Robust protectors on the back of the hand and fingers

Palm of hand has abrasion-proof and anti-slip trims

Good fit and high level of user safety

Soft neoprene rip-tape fastening

Comfortable

Breathable, elastic polyester fabric on the back of the hand



Proof of Performance

**EN 388:
2016**



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Standards	EN 388 EN 420
Category	II

Size	Art. No.	P. Qty.
8	0899 401 248	1
9	0899 401 249	1
10	0899 401 250	1
11	0899 401 251	1

Details/Application

- For applications with high cut protection and abrasion resistance requirements
- Handling sharp workpieces and tools
- Trade fair construction, assembly work
- Warehousing and logistics tasks
- Mechanic's and workshop tasks
- For work with hand tools and machines



Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove MultiFit Latex

Extremely light and flexible

- Good dry and wet grip properties
- Micro-porous, foamed natural latex coating on palm
- Seamless polyamide/elastane backing fabric

Gauge	15
Material of the liner	Polyamide/elastane
Material coating	Latex foam
EN standard	388, 420
Category	II



Size	Art. No.	P. Qty.
7	0899 405 107	6
8	0899 405 108	6
9	0899 405 109	6
10	0899 405 110	6
11	0899 405 111	6

Proof of Performance

EN 388:
2016



1 1 3 1 X

Details/Application

- For light to medium mechanical stress
- Warehouse, picking and assembly work
- Repair and maintenance work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove MultiFit Nitrile

Universal and robust

- Highly resistant to abrasion
- Good resistance to many greases and oils in low quantities
- Micro-porous, foamed nitrile coating on the palm
- Seamless polyamide/elastane backing fabric
- Extremely gentle on the skin thanks to Oeko-Tex® Standard 100



Gauge	15
Material of the liner	Polyamide/elastane
Material coating	Nitrile foam
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
6	0899 405 216	6
7	0899 405 217	6
8	0899 405 218	6
9	0899 405 219	6
10	0899 405 220	6
11	0899 405 221	6
12	0899 405 222	6

Details/Application

- Assembly, workshop work and mechanic's tasks
- Packaging and warehouse work
- Repair and maintenance work



Proof of Performance



Oeko-Tex® is a registered trademark of the research institute Hohenstein Prof. Dr. Jürgen Mecheels GmbH & Co. KG, 74357 Bönningheim, Germany.

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove MultiFit Nitrile Plus

Extremely robust and durable

- Outstanding mechanical resistance and service life thanks to additional nub texture
- Good resistance to many greases and oils in low quantities
- Micro-porous, foamed nitrile coating on the palm
- Seamless polyamide/elastane backing fabric
- Extremely gentle on the skin thanks to Oeko-Tex® Standard 100



Gauge	15
Material of the liner	Polyamide/elastane
Material coating	Nitrile foam with dots
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 405 307	6
8	0899 405 308	1/6
9	0899 405 309	6
10	0899 405 310	1/6
11	0899 405 311	6

Details/Application

- Assembly, workshop work and mechanic's tasks
- Packaging and warehouse work
- Repair and maintenance work

Proof of Performance



Oeko-Tex® is a registered trademark of the research institute Hohenstein Prof. Dr. Jürgen Mecheels GmbH & Co. KG, 74357 Bönningheim, Germany.

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove MultiFit Dry

Liquid-repellent, fully dipped all-round glove, particularly suitable for wet working environments

Fluid-repellent and breathable

Full-surface coating made from very flexible, breathable natural latex foam

Excellent grip in wet and dry conditions

Also features a particularly slip-resistant microstructure surface on the palm.

Optimum fit and maximum touch sensitivity

Easy and quick to put on and take off

Cuff with comfortable width

Maximum comfort

Seamless, round-knit polyamide/elastane backing fabric combined with a breathable coating



Proof of Performance

EN 388:
2016



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EN 407:
2004



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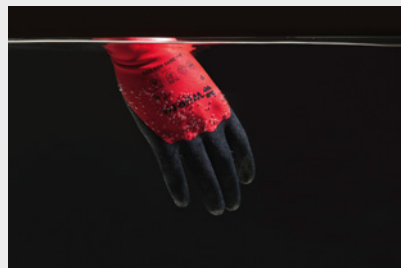
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Gauge	15
Material of the liner	Polyamide/elastane
Material coating	Latex foam
EN standard	388, 407, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 405 507	6
8	0899 405 508	6
9	0899 405 509	6
10	0899 405 510	6
11	0899 405 511	6

Details/Application

- Activities in a wet working environment
- Assembly, workshop work and mechanic's tasks
- Repair and maintenance work



Protective glove

ATG MaxiFlex® 34-874

- Seamless nylon knitted assembly gloves with patented nitrile microfoam coating
- Coating on palms
- Pre-washed
- Washable at up to 40°C
- Silicone-free according to manufacturer's specifications

These gloves, which are certified in accordance with Öko-Tex® Standard 100, are washed in treated rainwater. This ensures that they are clean and free from any residues.

The gloves are also certified skin-friendly by the Skin Health Alliance. This seal of approval will reassure professional glove wearers that the gloves are „dermatologically safe“.

- DURAtex® technologies for outstanding wear resistance – over 18,000 cycles
- AIRtech® technology for maximum breathability
- Patented nitrile microfoam coating for optimum grip
- ERGOtech® for maximum comfort



Proof of Performance

**EN 388:
2016**



4 1 3 1 X

Material of the liner	Nylon
Material coating	Nitrile foam
Material	Nylon (polyamide)
EN standard	388
Category	II

Size	Art. No.	P. Qty.
5	1931 007 872	12
6	1931 007 873	12
7	1931 007 874	12
8	1931 007 875	12
9	1931 007 876	12
10	1931 007 877	12
11	1931 007 878	12
12	1931 010 186	12

Protective glove, knitted and coated

Nitras Flexible Fit 8800

Protective glove made from special stretch-knit

- Partly coated on palm and fingertips
- Knitted cuff
- Perfect comfort
- Perfect dexterity
- Very slip-resistant
- Water-repellent palm



Gauge	13
Material of the liner	Special-Stretch-Strick
Material coating	Nitrile foam
EN standard	388
Category	II

Size	Art. No.	P. Qty.
6	1931 010 100	12
7	1931 010 101	12
8	1931 010 102	12
9	1931 010 103	12
10	1931 010 104	12
11	1931 010 105	12

Proof of Performance

EN 388:
2016



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Protective glove, knitted and coated

Uvex Phynomic Allround 60049

The uvex phynomic allround is a universal glove for all tasks where sensitivity is required. These protective gloves fit like a „second skin“ and are extremely lightweight and flexible – without causing hands to sweat.

- Very good mechanical resistance to abrasion due to the moisture-repellent aqua polymer foam coating
- Very good grip in dry and slightly damp areas

Material of the liner	Polyamide
Material coating	Nitril foam/water-based polyurethane
Material	Nylon (polyamide)
EN standard	388
Category	II



Size	Art. No.	P. Qty.
5	1931 010 568	10
6	1931 010 569	10
7	1931 010 570	10
8	1931 010 571	10
9	1931 010 572	10
10	1931 010 573	10
11	1931 010 574	10
12	1931 010 575	10

Proof of Performance

EN 388:
2016



3 1 3 1 X

Details/Application

- Precision work
- Assembly
- Maintenance
- Freight forwarding/logistics
- Packaging operations
- Maintenance work

Protective glove

Showa® 381

- Embossed nitrile palm is oil-resistant, improving grip and longevity in slightly oily environments
- The 0.84 mm thickness on the fingers ensures optimal grip and touch-sensitivity
- The microfibre repels moisture and improves breathability – for drier hands and less perspiration
- Exceptional suppleness, maximum comfort and a unique fit thanks to the combination of microfibre and Spandex
- A flexible glove for the whole working day
- Seamlessly processed knitting material avoids skin irritation
- Almost lint-free thanks to microfibre
- No risk of latex allergies

Material of the liner	Polyester
Material coating	Nitrile
Material	Nitrile
EN standard	388
Category	II

Size	Art. No.	P. Qty.
6	1931 010 706	10
7	1931 010 707	10
8	1931 010 708	10
9	1931 010 709	10
10	1931 018 633	10



Proof of Performance

EN 388:
2016



4 1 2 1 X

Protective glove, knitted and coated

Mapa Ultrane Grip Proof 525

Oil-repellent mechanical cut protection glove for dexterous work in oily areas with effective grip

- Protects the palm and fingers from oil
- Effective grip in oily areas leads to a reduced strain on muscles and boosts productivity
- Excellent abrasion resistance through nitrile coating
- Very good tactile sensitivity
- Durable and economical working: suitable for machine washing and highly oil-resistant



Proof of Performance

EN 388:
2016



4 1 2 1 X

Material of the liner	Cotton jersey
Material coating	Nitrile
Material	Nitrile
EN standard	388
Category	II

Size	Art. No.	P. Qty.
7	1931 009 015	12
8	1931 009 016	12
9	1931 009 017	12
10	1931 009 018	12
11	1931 009 019	12

Details/Application

Mechanical industry/automotive industry, machining of workpieces with cutting oil

- Handling sheet metal
- Handling oily machine parts
- Handling and sorting of small parts with sharp edges
- Glass industry
- Handling glass panels
- Mechanical industry
- Maintenance work in damp environments (water, oils, greases, hydrocarbons)
- Assembly of small oily parts
- Municipal facilities (technical maintenance work)
- Light, general maintenance work

Protective glove

Mapa Ultrane 526

Protection of all of the skin from oil

- Effective grip in very oily areas, reduced muscle strain and increased productivity thanks to Grip&Proof coating
- Excellent abrasion resistance of the nitrile coating
- Very good dexterity
- Durable and cost-effective operation: Gloves need to be replaced less frequently due to oil resistant and washable properties



Material of the liner	Cotton jersey
Material coating	Nitrile
EN standard	388, 407
Category	II
Colour	Black

Size	Art. No.	P. Qty.
7	1931 027 519	12
8	1931 027 520	12
9	1931 027 521	12
10	1931 027 522	12
11	1931 027 523	12

Proof of Performance

EN 388:
2016



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Details/Application

- Processing of workpieces with cutting oil
- Handling oily machine parts
- Handling and sorting sharp-edged small parts
- Handling glass panes
- Maintenance work in damp environments (water, oils, greases, hydrocarbons)
- Assembly of oily small parts
- Park gardening and landscaping

Protective glove, nitrile

Nitras Oilgrip 3550

Nylon gloves with dual coating

- Lower coating: Nitrile, fully coated, blue
- Top coating: Sanded nitrile partly coated on palm and fingertips, black
- Knitted cuff
- Highest dexterity
- Water-repellent
- Perfect grip on oily objects



Gauge	15
Material of the liner	Nylon
Material coating	Nitrile
Material	Nitrile
EN standard	388
Category	II

Proof of Performance

EN 388:
2016



4 1 2 1 X

Size	Art. No.	P. Qty.
7	1931 027 966	12
8	1931 027 967	12
9	1931 027 968	12
10	1931 027 969	12
11	1931 027 970	12

Assembly glove Soft

Extremely lightweight and flexible glove with superior dexterity and sensitivity

- Fine-knit glove made of polyamide stretch yarn
- Maximum comfort
- Breathable thanks to extremely lightweight, micro-porous PU coating
- Very flexible and stretchable
- Fits like a second skin



Gauge	18
Material of the liner	Polyamide
Material coating	Polyurethane
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 400 730	6
8	0899 400 731	6
9	0899 400 732	6
10	0899 400 733	6
11	0899 400 734	6

Proof of Performance

**EN 388:
2016**



3 1 2 1 X

Details/Application

- Ideal for fine assembly and other precision work
- Warehouse and picking work
- Fine assembly, precision work, electrical installation, inspection work, product protection gloves, household appliance technology, maintenance work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023



Protective glove, knitted and coated

Ansell HyFlex 11-618

- Almost a second skin, this very thin yet robust glove from Ansell offers outstanding comfort and a perfect fit. It guarantees high tactile sensitivity for precision work.
- Designed for a wide range of lightweight applications in dry or slightly oily environments.
- This glove is also ideal for work where cotton gloves or no gloves at all are used despite the risk of scrapes, blisters and minor injuries.



Gauge	18
Material of the liner	Nylon
Material coating	Polyurethane
EN standard	388
Category	II

Proof of Performance

EN 388:
2016



2 1 2 1 X

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Size	Art. No.	P. Qty.
6	1931 007 993	12
7	1931 007 994	12
8	1931 007 995	12
9	1931 007 996	12
10	1931 007 997	12
11	1931 007 998	12

Details/Application

- Trim/plastics (including in the packaging phase)
- Final assembly, installation of air-conditioning systems, electric motors, cable harnesses, fitters
- Finishing
- Light assembly work that requires a high degree of precision.
- Collecting and assembling small parts (ball bearings, springs, etc.)
- All types of white goods and electrical devices

Protective glove, knitted and coated

Nitras® – Nylon/PU 6215

Gauge	13
Material of the liner	Nylon
Material coating	Polyurethane
Material	Nylon fabric with PU coating
EN standard	388
Category	II



Size	Art. No.	P. Qty.
6	1931 008 058	12
7	1931 008 059	12
8	1931 008 060	12
9	1931 008 061	12
10	1931 008 062	12
11	1931 008 063	12

Proof of Performance

EN 388:
2016



4 1 3 1 X

Assembly glove Comfort

Lightweight, breathable fine assembly glove

- Fine-knit nylon backing fabric
- Breathable PU coating
- Excellent flexibility
- Outstanding fit
- Very comfortable to wear



Gauge	15
Material of the liner	Polyamide
Material coating	Polyurethane
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 400 607	5
8	0899 400 608	5
9	0899 400 609	5
10	0899 400 610	5
11	0899 400 611	5

Proof of Performance

EN 388:
2016



3 1 3 1 X

Details/Application

- Ideally suited for fine precision work
- For light assembly work
- Electrical installation
- Household appliances
- Vehicle and vehicle part manufacturing
- Painting and varnishing work
- Interior construction

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove

Showa B0502

- Lightweight, flexible and virtually lint-free glove
- The 0.79-mm finger thickness ensures optimum grip and excellent tactile sensitivity
- PU coating with high oil and abrasion resistance which remains very supple
- A flexible glove for the whole working day
- Seamless knitted fabric protects against skin irritation
- No risk of latex allergies



Material of the liner	Polyester
Material coating	Polyurethane
Material	Polyurethane
EN standard	388
Category	II

Size	Art. No.	P. Qty.
6	1931 027 129	10
7	1931 027 130	10
8	1931 027 131	10
9	1931 027 132	10
10	1931 027 133	10

Proof of Performance

05

EN 388:
2016



3 1 2 1 X

Details/Application

- Mechanical engineering
- Automotive repair and maintenance
- Precision work
- Cleanrooms
- Module assembly
- Installation and removal

Protective glove

Nitras PU 6200®

- NITRAS nylon gloves
- White
- PU coating, partially coated on the palm and fingertips
- Knitted cuff

Gauge	13
Material of the liner	Nylon
Material coating	Water-based polyurethane
Material	Nylon fabric with PU coating
EN standard	388, 420



Proof of Performance

EN 388:
2016



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Size	Art. No.	P. Qty.
6	1931 018 541	12
7	1931 018 542	12
8	1931 018 543	12
9	1931 018 544	12
10	1931 018 545	12
11	1931 018 546	12

Protective glove, knitted and coated

Nitras® PU 6205

NITRAS nylon gloves

- Partly coated on palm and fingertips
- Knitted cuff

Gauge	13
Material of the liner	Nylon
Material coating	Polyurethane
Material	Nylon (polyamide)
EN standard	388
Category	II



Proof of Performance

EN 388:
2016



4 1 3 1 X

Size	Art. No.	P. Qty.
6	1931 027 332	12
7	1931 019 577	12
8	1931 019 578	12
9	1931 019 579	12
10	1931 019 580	12
11	1931 019 581	12

Assembly glove Economy

Lightweight gloves with breathable black PU coating

Fine-knit fabric made from grey, textured polyester

Comfortable

Due to breathable black PU coating

Excellent fit, flexibility and dexterity

Resistant to dirt

Thanks to grey backing fabric and black PU coating



Proof of Performance

EN 388:
2016



3 1 2 1 X

Gauge	15
Material of the liner	Polyester
Material coating	Polyurethane
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	0899 400 617	12/120
8	0899 400 618	12/120
9	0899 400 619	12/120
10	0899 400 620	12/120
11	0899 400 621	12/120

Details/Application

- Light assembly and mechanical work
- Product sorting and picking
- Automotive industry and maintenance
- Interior design and dry walling

Related products	Art. No.
Glove holder with snap hooks	0899 899 023



Protective glove, special design

NITRAS 6230UC

NITRAS anti-static gloves with knitted cuff

- Without coating
- Integrated carbon thread
- Anti-static (conductive), touchscreen capability

Material	Nylon/carbon
EN standard	388, 16350
Category	II



Size	Art. No.	P. Qty.
6	1931 010 583	12
7	1931 010 584	12
8	1931 010 585	12
9	1931 010 586	12
10	1931 010 587	12
11	1931 010 588	12

Proof of Performance

EN 388:
2016



1 1 4 1 X

Protective glove, special design

NITRAS 6230T

NITRAS anti-static gloves with knitted cuff

- Partly coated on the fingertips
- Integrated carbon thread
- Anti-static (conductive), touchscreen capability

Material coating	Water-based polyurethane
Material	Nylon/carbon
EN standard	388, 16350
Category	II



Size	Art. No.	P. Qty.
6	1931 010 576	12
7	1931 010 577	12
8	1931 010 578	12
9	1931 010 579	12
10	1931 010 580	12
11	1931 010 581	12

Proof of Performance

EN 388:
2016



1 1 4 1 X

Protective glove, electrics

Nitras ESD 6230

NITRAS antistatic gloves

- Partly coated on fingertips
- Compatible with touchscreens
- Anti-static (conductive)

Material	Nylon/carbon
EN standard	388, 16350
Category	II

Size	Art. No.	P. Qty.
5	1931 027 533	12
6	1931 027 534	12
7	1931 008 526	12
8	1931 008 527	12
9	1931 008 528	12
10	1931 008 529	12
11	1931 008 530	240



Proof of Performance

EN 388:
2016



3 1 4 1 X

Protective glove

Tegera 931

Textile glove for assembly work

- Equipped with PVC (vinyl) dots
- Protects against wear, blisters, grazes, contact with dirt
- For dry area and clean working environments

Material	PVC - Polyvinyl chloride
Gauge	13
EN standard	388
Category	II



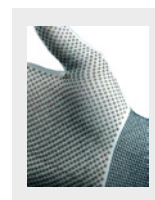
Proof of Performance

EN 388:
2016



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Details/ Application



Size	Art. No.	P. Qty.
6	1931 027 535	12
7	1931 027 536	12
8	1931 027 537	12
9	1931 027 538	12
10	1931 027 539	12
11	1931 027 540	12

Protective glove, knitted

Fitzner Profit 524

Seamless round-knit glove with knitted cuff

- Non-coated
- Comfortable to wear
- Breathable
- Excellent fit
- Excellent sensitivity
- Lint-free
- Prevents fingerprints on the product due to sweat or grease

Material	PA - Polyamide
Colour	White
Category	I



Size	Art. No.	P. Qty.
6	1931 027 976	12
7	1931 027 977	12
8	1931 027 978	12
9	1931 027 979	12
10	1931 027 980	12

COTTON GLOVES



Cotton jersey glove

Fine cotton glove for light assembly work or as an underglove

- 100% bleached cotton, with sidewalls
- Lightweight design
- Comfortable to wear and good fit

Material	Cotton
EN standard	420
Category	I

Size	Art. No.	P. Qty.
8	0899 400 08	12
10	0899 400 10	12
12	0899 400 12	12

Details/Application

- For light mechanical stress
- Installation, dispatch and electrical work with minimal risks
- Product protection to avoid contamination on sensitive surfaces



Related products	Art. No.
Glove holder with snap hooks	0899 899 023

- Dry walling
- As an underglove in combination with chemical, heat and cold protection gloves



Cotton jersey glove

Skin-friendly cotton glove with good heat-protection and cold-protection properties

- Cotton jersey fabric, fluffy texture on the inside
- Can be worn on either hand



Size	10
Material	Cotton
EN standard	420
Category	I

Art. No. 0899 400 140

P. Qty.: 12

Details/Application

- For all tasks requiring an especially skin-friendly glove
- Good protection against hot or cold thermal loads
- Product protection to avoid contamination on sensitive surfaces
- Suitable for transport and shipping, agriculture, building management and construction

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove, knitted

Feldtmann 0300

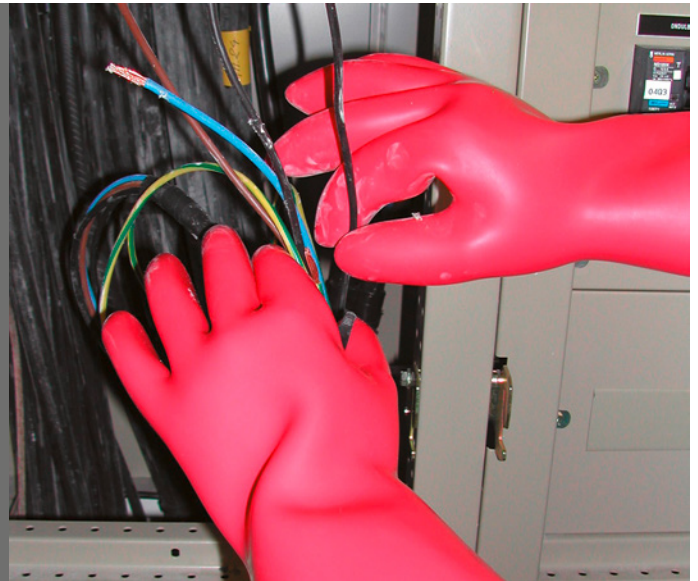
- With sidewall and inset thumb, giving a very good fit, good finger movement and optimum comfort
- Breathable

Material	Cotton
Colour	White



Size	Art. No.	P. Qty.
6	1931 009 908	12
7	1931 009 909	12
8	1931 009 910	12
9	1931 009 911	12
10	1931 009 912	12
11	1931 009 913	12
12	1931 009 914	12
13	1931 009 915	12

ELECTRO PROTECTIVE GLOVES



Voltage protective glove

For working voltages up to 1000 V/AC

- Good flexibility
- Good sense of touch
- Layer thickness according to the standard max. 1 + 0.6 mm
- Supplied in a UV-resistant PE storage pouch



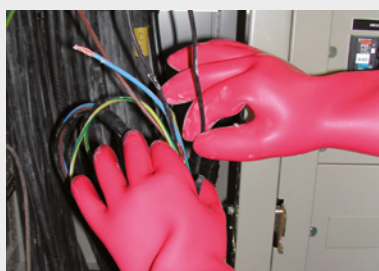
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Length	410 mm
Material	Natural latex
Category	III
Class	0 - Operating voltage < 1000 volts
Utilisation voltage (AC voltage)	1000 V/AC
Utilisation voltage (DC voltage)	1500 V/DC

Size	Art. No.	P. Qty.
9	0899 400 929	1
10	0899 400 930	1
11	0899 400 931	1

Details/Application

Installation, maintenance and repair work under live electric voltage; electrical supply and installation companies; electrical engineering workshops; maintenance and repairs to electric and hybrid vehicles; fire and rescue service personnel



Proof of performance

Resistant to acid, oil, ozone and cold temperatures (category RC)

EN 60903

EN 61482-1+2

- Level 1: 4 kA/0.5 s/300 mm
- Level 2: 7 kA/0.5 s/300 mm

CUT PROTECTION GLOVES





CHANGES AT A GLANCE

EN 388:2016 / ISO 13997

See **page 32** for further information.

Particularly in the field of cut protection gloves, the continuous development of cut-resistant yarn structures led to the fact that the previous test method according to EN 388:2003 often no longer provided meaningful results with regard to cut protection performance as the rotating circular blade becomes blunt during testing.

For this reason, the new version of EN 388:2016 has defined new test methods and performance assessments compared to the previous standard EN 388:2003.

Test method according to EN 388:2003 (Coupe test)

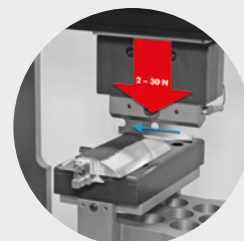
- The number of required cycles is determined that a rotating circular blade at a constant force of 5 Newtons needs to cut through a test specimen
- The reference value is the comparison with a reference material and an index calculated from this
- According to the result, there will be a classification into the respective performance level (1 – 5)



Performance level	1	2	3	4	5
Index	1.2	2.5	5.0	10.0	20.0

Test method according to EN 388:2016 / ISO 13997

- If blunting of the blade occurs on the gloves during the cut resistance test (Coupe test), an additional test according to ISO 13997 is required
- A straight blade is drawn once across the test specimen
- The force to cut through the test specimen after a distance of 20 mm is determined and expressed in Newtons (N)
- According to the result, there will be a classification into the respective performance level (1 – 5)



Performance level	A	B	C	D	E	F
Cut resistance in Newtons	2	5	10	15	22	30

Summary

There is no direct correlation between the results of the two test methods. Many gloves that reached the highest performance level 5 with the old test method do not automatically reach the highest classification with the new test method according to ISO 13997, although the practical cut protection performance has not changed.

The old test method with a constant force of 5 Newtons did not provide any representative information on cutting hazards under the influence of higher weights. The new test method according to ISO 13997 now provides better results as the test is carried out with a variable force from 2 to 30 Newtons.

Nevertheless, operational testing on the basis of the risk assessment is absolutely necessary for selecting suitable cut protection gloves, as the conditions at the workplace differ from those of the tests. Especially with heavy weights and very sharp and pointed objects, no cut protection glove can completely eliminate all cut and stab injuries.

	Designation	Art. no.	Cut protection level ISO 13997	EN 388: 2016	EN 407: 2004	Grip	Wear comfort	Tactile sensitivity/flexibility	Cut resistance	Puncture resistance	Abrasion resistance	Moisture protection	Use in oily environments	Heat resistance
	Cut protection glove W-100 Level B	0899 403 207-211	Level B	3X42B		■ ■ □ □	■ ■ ■ ■	■ ■ ■ ■	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-110 Level B	0899 400 739-743	Level B	4343B		■ ■ □ □	■ ■ □ □	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-120 Level B	0899 403 308-311	Level B	4X42B		■ ■ □ □	■ ■ □ □	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-130 Level B	0899 403 408-410	Level B	4X42B		■ ■ □ □	■ ■ □ □	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Arm guard W-280 Level C	0899 400 420	Level C	1343C	X2XXX	-	■ ■ □ □	-	■ ■ □ □	■ □ □ □	■ □ □ □	-	-	■ ■ ■ ■
	Arm guard W-290 Level C	0899 400 421	Level C	3X4XC		-	■ ■ □ □	-	■ ■ □ □	■ □ □ □	■ □ □ □	-	-	□ □ □ □
	Cut protection glove W-200 Level C	0899 400 761-765	Level C	4X43C		■ ■ □ □	■ ■ □ □	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-210 Level C	0899 403 607-611	Level C	4X42C		■ ■ □ □	■ ■ ■ ■	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-220 Level C	0899 403 508-510	Level C	4X42C		■ ■ □ □	■ ■ □ □	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-300 Level D	0899 403 708-710	Level D	4X42D		■ ■ □ □	■ ■ □ □	■ ■ □ □	■ ■ ■ ■	■ □ □ □	■ ■ ■ ■	■ ■ □ □	■ ■ □ □	□ □ □ □
	Mechanics' glove Cut Plus	0899 401 248-251	Level D	4X43D		■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ □ □	■ □ □ □	■ ■ ■ ■	□ □ □ □	□ □ □ □	□ □ □ □
	Cut protection glove Chemie W-310 Level D	0899 403 718-720	Level D	4343D	X1XXX	■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ ■ ■	■ □ □ □	■ ■ □ □	■ ■ ■ ■	■ ■ ■ ■	■ ■ □ □
	Cut protection glove W-400 Level E	0899 403 807-810	Level E	3X21E	X1XXX	■ ■ □ □	■ ■ □ □	■ ■ ■ ■	■ ■ ■ ■	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	■ ■ ■ ■
	Cut protection glove W-410 Level E	0899 403 818-821	Level E	3X43E		■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ ■ ■	■ □ □ □	■ ■ □ □	■ □ □ □	■ □ □ □	□ □ □ □
	Cut protection glove W-500 Level F	0899 403 908-910	Level F	4X44F		■ ■ □ □	■ ■ □ □	■ □ □ □	■ ■ ■ ■	■ □ □ □	■ ■ ■ ■	■ □ □ □	■ □ □ □	□ □ □ □

Legend: ■ ■ ■ ■ excellent ■ ■ ■ ■ very good ■ ■ □ □ good ■ ■ □ □ sufficient □ □ □ □ weak

Important: The information given above is based on laboratory tests and experience. Nevertheless, operational testing on the basis of the risk assessment is absolutely necessary for selecting suitable cut protection gloves, as the conditions at the workplace differ from those in the tests. Especially with heavy weights and very sharp and pointed objects, **no** cut protection glove can completely eliminate all cut and stab injuries.

Cut protection glove W-100 Level B

Extremely fine and flexible cut protection glove with maximum comfort and superior tactile and fingertip sensitivity

- Fine-knit glove with optimal fit and flexibility
- Maximum wear comfort owing to special knitted fabric with Dyneema® diamond fibre and breathable PU coating
- Perfect wear properties



Gauge	18
Material of the liner	Dyneema® Diamond/Polyamide/elastane
Material coating	Polyurethane
EN standard	388, 420
Cut resistance according to ISO 13997	B
Category	II

Size	Art. No.	P. Qty.
7	0899 403 207	6
8	0899 403 208	6
9	0899 403 209	6
10	0899 403 210	6
11	0899 403 211	6

Proof of Performance

**EN 388:
2016**



3 X 4 2 B



Details/Application

For work involving light cut protection and mechanical stress requirements, for precision and fine assembly work and all applications requiring maximum tactile and touch sensitivity.



Dyneema® is a registered trademark of DSM

Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Cut protection glove

Ansell HyFlex® 11-518

- The combination of Dyneema® diamond technology fibres with a PU coating offers the wearer an even greater standard of finger dexterity in applications where cut protection is required.
- An extremely lightweight material and tailored fit, including D3 knit on the deeper-set little finger, means the glove feels as if you are working with your bare hands.
- The extremely soft, seamless backing material keeps the hands cool and dry due to its breathability. Further advantages are increased flexibility, high tactile sensitivity in the fingertips and outstanding comfort.



Gauge	18
Material of the liner	Dyneema®
Material coating	Polyurethane
Colour	Blue
EN standard	388
Cut resistance according to ISO 13997	B
Category	II

Proof of Performance

EN 388:
2016



3 X 3 1 B

05

Size	Art. No.	P. Qty.
6	1931 019 905	12
7	1931 010 543	12
8	1931 010 542	12
9	1931 010 541	12
10	1931 010 540	12
11	1931 019 906	12

Details/Application

- Final assembly
- Handling and assembling extremely small parts with sharp edges
- Assembling injection-moulded parts
- Processing special metal mixtures
- Packaging areas with risk of cutting
- Punching - light and dry
- Wire installation and mounting

Cut protection glove W-1 10 Level B

Universal, very comfortable cut protection glove with Dyneema® fibres and breathable PU coating

- Excellent hand temperature and optimal comfort for long periods thanks to Dyneema® fibres
- Maximum comfort thanks to breathable PU coating
- High degree of abrasion resistance and mechanical resistance
- Good fit and flexibility



Gauge	13
Material of the liner	Dyneema®/Polyamide/elastane
Material coating	Polyurethane
EN standard	388, 420
Cut resistance according to ISO 13997	B
Category	II

Size	Art. No.	P. Qty.
7	0899 400 739	6
8	0899 400 740	6
9	0899 400 741	6
10	0899 400 742	6
11	0899 400 743	6

Proof of Performance

EN 388:
2016



4 3 4 3 B



Details/Application

Handling sharp-edged workpieces and tools:

- Machining and processing of metal parts, plastic profiles, aluminium etc.
- Glass industry

Dyneema® is a registered trademark of DSM

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Cut protection glove W-120 Level B

Universal, flexible cut protection glove for light cut protection work

- Outstanding wearing comfort thanks to breathable PU coating
- Highly flexible and good tactile sensitivity
- Good mechanical abrasion resistance and good cut protection



Proof of Performance

EN 388:
2016



4 X 4 2 B

Gauge	13
Material of the liner	Polyethylene/Elastane/Polyamide/Polyester/ Glass fibre
Material coating	Polyurethane
EN standard	388, 420
Cut resistance according to ISO 13997	B
Category	II

Size	Art. No.	P. Qty.
8	0899 403 308	6
9	0899 403 309	6
10	0899 403 310	6
11	0899 403 311	6

Details/Application

For work involving light cut protection and mechanical stress requirements such as packaging and maintenance work, machining of sharp workpieces.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Cut protection glove Asatex® 3711E

- Cutting protection level 3
- Great tactile feel
- High abrasion resistance
- Good fit
- Comfortable to wear

Gauge	13
Material of the liner	Polyethylene
Material coating	Polyurethane
Colour	Grey
EN standard	388, 420
Cut resistance according to ISO 13997	B
Category	II



Proof of Performance

EN 388:
2016



4 X 4 2 B

Size	Art. No.	P. Qty.
7	1931 009 916	10
8	1931 009 917	10
9	1931 009 918	10
10	1931 009 919	10
11	1931 009 920	10

Cut protection glove W-130 Level B

Universal, flexible cut protection glove for light cut protection work

- Very good grip due to special nitrile foam coating with roughened surface
- Highly flexible and good tactile sensitivity
- Good mechanical abrasion resistance and good cut protection



Gauge	18
Material of the liner	Polyethylene/Elastane/Polyamide/Polyester/ Glass fibre
Material coating	Nitrile foam
EN standard	388, 420
Cut resistance according to ISO 13997	B
Category	II

Size	Art. No.	P. Qty.
8	0899 403 408	6
9	0899 403 409	6
10	0899 403 410	6

Details/Application

For work involving light cut protection and mechanical stress requirements such as packaging and maintenance work, machining of sharp workpieces.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Proof of Performance

EN 388:
2016



4 X 4 2 B

Cut protection glove

Maxiflex Cut 34-8743

Seamless knitted Nylon cut protective gloves for precision work

- Maximum breathability
- Excellent fit
- Excellent flexibility (thus extremely high comfort)
- Innovative thread for medium cut resistance (Class 3 in accordance with EN 388), making the gloves ideal for working with sharp-edged workpieces
- Oeko-Tex® certified
- Silicone-free according to manufacturer's specifications



Material of the liner	Nylon
Material coating	Nitrile foam
Colour	Green
EN standard	388, 420
Cut resistance according to ISO 13997	B
Category	II

Proof of Performance

EN 388:
2016



4 3 3 1 B

Size	Art. No.	P. Qty.
6	1931 010 995	12
7	1931 010 996	12
8	1931 010 997	12
9	1931 010 998	12
10	1931 010 999	12
11	1931 011 000	12
12	1931 011 001	12

Details/Application

Ideal for precision work under dry conditions with high demands on tactile sensitivity and with medium cut risk

- Automotive industry and supply
- Metal and glass processing
- Mechanical engineering
- Inspection and maintenance
- Quality control
- Packaging and picking work
- Warehousing, logistics and transport
- Construction and general trade
- Waste disposal and recycling

Cut protection glove

Asatex® AT3 3099

Cat. II, cut protection level 3, nitrile reinforcement in the crook of the thumb, good level of touch sensitivity, high abrasion resistance, excellent fit, comfortable

Gauge	18
Material of the liner	Polyethylene
Material coating	Nitrile foam
Colour	Green, Black
EN standard	388
Cut resistance according to ISO 13997	B
Category	II



Size	Art. No.	P. Qty.
6	1931 023 348	10
7	1931 023 349	10
8	1931 023 350	10
9	1931 023 351	10
10	1931 023 352	10
11	1931 023 353	10

Proof of Performance

EN 388:
2016



4 X 3 2 B

05

Cut protection glove

Mapa Krynit 599

Oil-repellent cut protection glove for dexterous work in oily areas with effective grip

- Protection against cutting hazards and in addition against oil and moisture at coated points.
- Effective grip in oily areas thanks to the Grip&Proof coating. Muscles therefore do not fatigue as quickly, productivity increases.
- Excellent abrasion resistance owing to nitrile coating
- Long life and high degree of cost-effectiveness: Gloves need to be replaced less frequently as they are mechanically resistant and can be washed up to 5 times



Material of the liner	Polyethylene
Material coating	Nitrile
Colour	Black
EN standard	388
Cut resistance according to ISO 13997	B
Category	II

Proof of Performance

EN 388:
2016



4 3 4 2 B

Size	Art. No.	P. Qty.
7	1931 027 593	12
8	1931 027 594	12
9	1931 027 595	12
10	1931 027 596	12
11	1931 027 597	12

Details/Application

Mechanical industry / automotive industry

- Screwing and bolting work
- Processing of workpieces with cutting oil
- Handling non-deburred parts or sheet metal
- Handling sheet metal
- Handling oily machine parts
- Handling and sorting of sharp-edged small parts
- Assembly of engine parts

Mechanical industry

- Maintenance work in wet environments (water, oils, greases, hydrocarbons)
- Cutting, stamping and embossing work

Cut protection glove

Krynit 600

Oil-repellent cut protection glove for dexterous work in very oily areas with effective grip

- Protection of the entire hand from cutting hazards as well as from oil and moisture
- Effective grip in oily areas thanks to the Grip&Proof coating
- Excellent abrasion resistance of the nitrile coating
- Excellent dexterity
- Durable and cost-effective operation: can be washed up to 5 times



Material of the liner	Polyethylene
Material coating	Nitrile
Colour	Black
EN standard	388
Category	II

Size	Art. No.	P. Qty.
7	1931 027 598	12
8	1931 027 599	12
9	1931 027 600	12
10	1931 027 601	12

Proof of Performance

EN 388:
2016



4 3 4 2 B

05

Details/Application

Mechanical industry / automotive industry

- Pump manufacturing
- Processing of workpieces with cutting oil
- Handling oily machine parts
- Handling and sorting sharp-edged small parts
- Bodywork

Other industries

- Maintenance work in wet environments
- Machine maintenance
- Glass processing

Mechanical industry

- Maintenance work in wet environments (water, oils, greases, hydrocarbons)
- Precision assembly
- Cutting, stamping and embossing work

Cut protection glove W-200 Level C

Very comfortable and robust cut protection glove with Dyneema® fibres and breathable PU coating

- Excellent hand temperature and optimal comfort for long periods thanks to Dyneema® fibres
- Maximum comfort thanks to breathable PU coating
- High degree of abrasion resistance and mechanical resistance
- Good fit and flexibility



Gauge	13
Material of the liner	Dyneema®/polyamide/glass
Material coating	Polyurethane
EN standard	388, 420
Cut resistance according to ISO 13997	C
Category	II

Size	Art. No.	P. Qty.
7	0899 400 761	6
8	0899 400 762	6
9	0899 400 763	6
10	0899 400 764	6
11	0899 400 765	6

Proof of Performance

**EN 388:
2016**



4 X 4 3 C



Details/Application

For applications with high cut protection and abrasion resistance requirements in dry work environments

Dyneema® is a registered trademark of DSM

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Cut protection glove

Asatex 3721E

- Cut protection level 5
- Good tactile feel
- High abrasion resistance
- Good fit
- Pleasant wearing comfort

Gauge	13
Material of the liner	Polyethylene
Material coating	Polyurethane
Colour	Grey
EN standard	388, 420
Category	II

Size	Art. No.	P. Qty.
7	1931 027 981	10
8	1931 027 982	10
9	1931 027 983	10
10	1931 027 984	10
11	1931 027 985	10



Proof of Performance

EN 388:
2016



4 X 4 2 C

05

Cut protection glove W-210 Level C

Universal, very comfortable cut protection glove with touch screen capability and additional reinforcement in the crook of the thumb

Ideal for operating screens with a capacitive touchscreen

Maximum comfort

Extremely breathable nitrile foam coating

Additional reinforcement in the crook of the thumb

Extended service life

Optimal fit and outstanding tactile and touch sensitivity

Suitable for precision work in dry conditions with high cut protection requirements



Proof of Performance

**EN 388:
2016**



4 X 4 2 C

Gauge	15
Material of the liner	HDPE/Glass fibre/Polyester/Elastane
Material coating	Nitrile foam
EN standard	388, 420
Cut resistance according to ISO 13997	C
Category	II

Size	Art. No.	P. Qty.
7	0899 403 607	6
8	0899 403 608	6
9	0899 403 609	6
10	0899 403 610	6
11	0899 403 611	6

Details/Application

Work in dry working areas with cut protection loads, e.g. storage and packaging work, maintenance, metal and glass industry, recycling industry

Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023



Cut protection glove W-220 Level C

Robust cut protection glove with nitrile foam coating specially for damp and oily work conditions

- Nitrile foam coating with $\frac{3}{4}$ dipping
- Good resistance to oils, greases and liquids
- Good grip and breathability
- Good mechanical abrasion resistance and good cut protection



Proof of Performance

**EN 388:
2016**



4 X 4 2 C

Gauge	13
Material of the liner	HDPE/Glass fibre/Polyester/Elastane
Material coating	Nitrile foam
EN standard	388, 420
Cut resistance according to ISO 13997	C
Category	II

Size	Art. No.	P. Qty.
8	0899 403 508	6
9	0899 403 509	6
10	0899 403 510	6

Details/Application

For work involving medium cut protection and mechanical stress requirements in damp and oily environments such as maintenance work, and processing and machining sharp-edged sheet metal, profiles and workpieces.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Cut protection glove

Maxiflex Cut 44-3745

Seamless knitted cut protection gloves with patented nitrile micro foam coating for precision work

- Coated palms
- High level of cut resistance (class 5 according to EN 388)
- Reinforced thumb joint
- Pre-washed, washable up to 40°C
- Silicone-free according to manufacturer specifications
- DURAtex® technology for high abrasion resistance
- CUTtech® for high level of cut resistance
- AIRtech® technology for maximum breathability
- ERGOtech® for the highest comfort



Proof of Performance

EN 388:
2016



4 5 4 2 C

Material of the liner	Nylon
Material coating	Nitrile foam
Colour	Blue
EN standard	388, 420
Cut resistance according to ISO 13997	C
Category	II

Size	Art. No.	P. Qty.
6	1931 011 684	12
7	1931 011 685	12
8	1931 011 686	12
9	1931 011 687	12
10	1931 011 688	12
11	1931 011 689	12
12	1931 011 690	12

Cut protection glove

Asatex® AT5 5099

- Cut protection level 5
- Nitrile reinforcement in the crook of the thumb
- Good level of touch sensitivity
- High abrasion resistance
- Excellent fit
- Comfortable to wear

Gauge	13
Material of the liner	Polyethylene
Material coating	Nitrile foam
Colour	Blue, Black
EN standard	388
Cut resistance according to ISO 13997	C
Category	II

Size	Art. No.	P. Qty.
6	1931 023 354	10
7	1931 023 355	10
8	1931 023 356	10
9	1931 023 357	10
10	1931 023 358	10
11	1931 023 359	10



Proof of Performance

EN 388:
2016



4 X 4 3 C

05

Cut protection glove W-300 Level D

Robust cut protection glove with nitrile foam coating

Nitrile foam coating

- Good resistance to greases and oils
- Outstanding grip in dry work environments

Additional reinforcement in the crook of the thumb ensures extended service life

Outstanding abrasion and cut protection performance thanks to special fibre construction



Gauge	13
Material of the liner	HDPE/Polyester/Steel/Basalt/Elastane/ Polyamide
Material coating	Nitrile foam
EN standard	388, 420
Cut resistance according to ISO 13997	D
Category	II

Proof of Performance

**EN 388:
2016**



4 X 4 2 D

Size	Art. No.	P. Qty.
8	0899 403 708	6
9	0899 403 709	6
10	0899 403 710	6

Details/Application

For work involving high cut protection and abrasion resistance requirements, when handling and processing sharp-edged objects in the glass, metal, automotive and construction industries.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Cut protection glove

Showa S-Tex 376

- Excellent cut protection combined with long-lasting grip
- Excellent cut resistance of the technical fibre
- ISO 13997: 19 N (Newtons) and EN388 level 4
- Nitrile coating with a second nitrile foam layer for high abrasion resistance, EN388: Level 4
- Nitrile protects the hands against oils, hydrocarbons, grease and abrasion
- Double coating provides long-lasting grip in wet and oily environments
- Seamless knitted fabric protects against skin irritation



Gauge	13
Material of the liner	Polyester
Material coating	Nitrile foam
Colour	Black, Blue, Grey
EN standard	388
Cut resistance according to ISO 13997	D
Category	II

Proof of Performance

EN 388:
2016



4 X 4 1 D

05

Size	Art. No.	P. Qty.
6	1931 011 371	10
7	1931 011 372	10
8	1931 011 373	10
9	1931 011 374	10
10	1931 011 375	10

Details/Application

- Easy assembly of parts with an oil film
- Dealing with mild chemicals in agriculture and gardening
- Mechanical engineering
- Window installation
- Processing/handling of glass + windows
- Steel construction
- Insert steel reinforcement
- Assembly of dry and oily parts
- Handling heavy equipment
- Bottling industry
- Canning
- Mounting and removal

Cut protection glove

Showa S Tex 377

- Excellent resistance against cuts: D /19 Newton
- Nitrile coating with a second coating made of nitrile foam on the palm for high abrasion protection in accordance with EN 388: 4
- Optimum, secure grip in wet and oily conditions
- Protects the hand from a wide range of oils, hydrocarbons, greases and against abrasion while maintaining grip
- The ergonomic design reduces hand fatigue and improves productivity and dexterity.
- Nitrile coating leaves very small imprints (finger pressure test)
- No skin irritations thanks to seamless fabric

Gauge	13
Material of the liner	Polyester
Material coating	Nitrile foam
Colour	Blue, Black
EN standard	388
Cut resistance according to ISO 13997	D
Category	II



Proof of Performance

EN 388:
2016



4 X 4 1 D

Size	Art. No.	P. Qty.
6	1931 026 986	10
7	1931 026 987	10
8	1931 026 988	10
9	1931 026 989	10
10	1931 026 990	10

Cut protection glove

Nitras Oli Grip Cut 6360

Special yarn with dual coating

- Lower coating: Nitrile, fully coated, grey
- Top coating: Sanded nitrile partly coated on palm and fingertips, black
- Knitted cuff
- High level of cut protection
- Water-repellent
- Perfect grip on oily objects
- Highest dexterity

Gauge	13
Material coating	Nitrile
Colour	Grey
EN standard	388, 420
Cut resistance according to ISO 13997	D
Category	II

Size	Art. No.	P. Qty.
7	1931 027 828	10
8	1931 027 829	10
9	1931 027 830	10
10	1931 027 831	10
11	1931 027 832	10



Proof of Performance

EN 388:
2016



4 3 4 4 D

Cut protection glove, chemicals W-310 Level D

Very robust, liquid-proof protective glove that combines optimal cut protection with chemical protection

Cut-proof backing fabric consists of high-performance cut-resistant fibres

Liquid-proof nitrile coating with good resistance to grease, oil and chemicals

Good grip in damp, wet and oily work areas

Additional non-slip coating with roughened surface in the palm area



Gauge	18
Material of the liner	HDPE/Glass fibre/Polyester/Elastane
Material coating	Nitrile
EN standard	374, 388, 407, 420
Cut resistance according to ISO 13997	D
Category	III

Size	Art. No.	P. Qty.
8	0899 403 718	6
9	0899 403 719	6
10	0899 403 720	6

Details/Application

For work involving increased requirements for cut protection and chemical protection in the chemical industry, sheet metal processing, surface processing, machinery and toolmaking.

Proof of Performance

**EN 407:
2004**



X 1 X X X X

**EN ISO 374-5:
2016**



**EN 388:
2016**



4 3 4 3 D

**EN ISO 374-1:2016
Type B**



JKL

Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421

Chemical protective glove

Showa 3416

- Excellent combination of mechanical, chemical and cut protection
- Neoprene protects against many chemicals including acids, caustics, solvents, greases and oils
- Showa 3416 offers cut protection at EN Level 5
- Flexible neoprene coating for extra comfort and good dexterity
- Rough, grainy surface with good abrasion resistance
- Seamless technical knitted fabric protects against skin irritation
- Chemical protection certified in accordance with EN 374-3



Material	Neoprene-Latex
EN standard	374, 388
Category	III
Colour	Black

Size	Art. No.	P. Qty.
8	1931 026 991	12
9	1931 026 992	12
10	1931 026 993	12
11	1931 026 994	12

Proof of Performance

EN 388:
2016



3 X 4 3 E

05

Details/Application

- Chemical pesticide protection
- Application of coatings
- Staff on deck
- Drilling equipment
- Handling heavy equipment

Cut protection glove W-400 Level E

With very good cut protection properties with maximum tactile and touch sensitivity

- Breathable PU coating for comfortable wear
- Outstanding abrasion and cut protection performance thanks to special fibre construction
- Optimal fit and flexibility thanks to fine knit design



Gauge	18
Material of the liner	Para-Aramide/Polyester/Elastane/Steel
Material coating	Polyurethane
EN standard	388, 407, 420
Cut resistance according to ISO 13997	E
Category	II

Proof of Performance

**EN 407:
2004**



X 1 X X X X

**EN 388:
2016**



3 X 2 1 E

Size	Art. No.	P. Qty.
7	0899 403 807	6
8	0899 403 808	6
9	0899 403 809	6
10	0899 403 810	6

Details/Application

For work involving very high requirements for cut protection and touch sensitivity; fine assembly and precision work with high risk of cuts such as when handling and processing sharp-edged objects in the glass, metal, automotive and construction industries.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Cut protection glove W-410 Level E

Very robust cut protection glove with extremely resistant natural latex coating and additional thumb joint reinforcement

Outstanding cutting and abrasion resistance, especially under mechanical pressure

Good puncture resistance against metal chips

Extremely resilient natural latex coating

Additional thumb joint reinforcement

Extended service life

Good grip

Special surface profiling

Optimum protection with a good fit

Gauge	13
Material of the liner	HDPE/Steel/Glass fibre/Polyester/Elastane
Material coating	Natural rubber with crinkle finish
EN standard	388, 420
Cut resistance according to ISO 13997	E
Category	II

Size	Art. No.	P. Qty.
8	0899 403 818	6
9	0899 403 819	6
10	0899 403 820	6
11	0899 403 821	6



Proof of Performance

**EN 388:
2016**

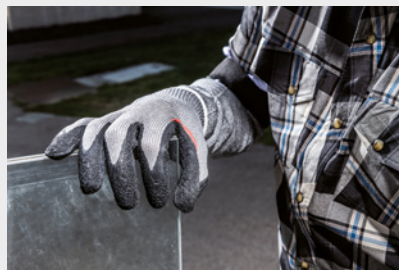


3 X 4 3 E

05

Details/Application

Work with very strict requirements for cut protection and puncture protection, such as in handling and processing sharp-edged workpieces in the glass, metal, automotive and construction industries.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

Cut protection glove W-500 Level F

Extremely robust cut protection glove with maximum cut protection and abrasion resistance

- Outstanding mechanical resistance in terms of cut and abrasion resistance
- Nitrile foam coating with outstanding grip and good resistance against grease and oils
- Additional reinforcement in the crook of the thumb ensures extended service life
- Good puncture resistance against metal chips
- Good fit



Proof of Performance

EN 388:
2016



4 X 4 4 F

Gauge	13
Material of the liner	HDPE/Steel/Basalt/Polyester/Elastane
Material coating	Nitrile foam
EN standard	388, 420
Cut resistance according to ISO 13997	F
Category	II

Size	Art. No.	P. Qty.
8	0899 403 908	6
9	0899 403 909	6
10	0899 403 910	6

Details/Application

For work involving maximum cut protection, abrasion resistance and puncture resistance requirements when handling glass and in metalworking, automotive, recycling and maintenance applications.



Related products	Art. No.
Arm guard W-280 Level C	0899 400 420
Arm guard W-290 Level C	0899 400 421
Glove holder with snap hooks	0899 899 023

ARM PROTECTORS



Arm guard W-280 Level C

Protects the heel of the hand, wrist and forearm areas from cuts and heat

Two-layer, seamless, round-knit fine fabric design made from 100% Kevlar®

Optimal in conjunction with cut protection clothing or gloves

Arm guard fits perfectly over the heel of the hand

Thanks to integrated thumb hole



Size	Universal
Length	35 cm
Material of the liner	Kevlar®
EN standard	388, 407, 420
Cut resistance according to ISO 13997	C
Category	II

Art. No. 0899 400 420

P. Qty.: 1

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Proof of Performance

**EN 388:
2016**



1 3 4 3 C

**EN 407:
2004**



X 2 X X X X

DuPont™ and Kevlar® are trademarks or registered trademarks of E. I. du Pont de Nemours and Company or its subsidiaries.

Details/Application

Can be used for work with stricter requirements regarding heat or cutting protection

- Glass industry
- Metal processing
- Aluminium working/processing
- Handling metal and plastic profiles
- In hazardous tasks in recycling and waste management

Arm guard W-290 Level C

Universal arm protection with thumb hole and rip-tape fastening to protect the heel of the hand, wrist and forearm against cuts

Perfect fit and maximum safety

- Thumb hole in grip area
- Rip-tape fastening for adjustable width on the upper arm

Good mechanical abrasion resistance and good cut protection

Very comfortable and excellent flexibility

Perfect for use together with cut protection gloves



Size	Universal
Length	45 cm
Gauge	13
Material of the liner	HDPE/Polyester/Elastane/Polyamide
EN standard	388, 420
Cut resistance according to ISO 13997	C
Category	II

Proof of Performance

**EN 388:
2016**



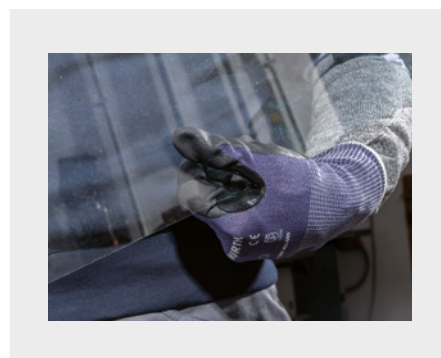
3 X 4 X C

Art. No. 0899 400 421

P. Qty.: 1

Details/Application

Work with increased cut protection requirements in the glass industry, automotive industry, handling metal and plastic profiles, recycling etc.



Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Cut protection glove

Mapa Krytech 538

Comfortable cut protection for the arm

- Sleeve (60 cm) for comprehensive cut protection
- Seamless knit made of HDPE for high level of protection against cutting hazards (cut-proof in accordance with ISO 13997 Level D)
- Thumb hole is made of fine-knit polyamide, which optimises the position of the cuff, maintains hand mobility and offers comfort even for long periods
- Upper arm width adjustment by means of hook-and-loop tape
- Special note: Cuffs should always be worn with a cut-resistant glove that offers at least the same level of cut protection



Proof of Performance

EN 388:
2016



4 X 4 X D

Length	60 cm
Material of the liner	Polyethylene
Colour	Grey
EN standard	388
Cut resistance according to ISO 13997	D
Category	II

Art. No. 1931 007 161

P. Qty.: 1

Details/Application

- Sheet metal working
- Assembling sharp metal parts
- Cutting and punching work
- Laminating work
- Glass work
- Body workshops

WINTER GLOVES



Winter glove Comfort

05

Two-layer knitted glove with excellent protection against cold

- Acrylic/pure new wool fibre for maximum comfort
- Open backs for excellent breathability
- High-quality natural latex coating
- Fine surface texture for outstanding wet and dry grip

Gauge	15
Material of the liner	Polyamide/acrylic-wool
Material coating	Natural rubber with crinkle finish
EN standard	388, 511, 420
Category	II
Colour	Orange



Size	Art. No.	P. Qty.
8	0899 450 108	6
9	0899 450 109	6
10	0899 450 110	6
11	0899 450 111	6

Proof of Performance

EN 388:
2016
**2 1 3 2 X**
EN 511:
2006
**0 1 0**

Details/Application

- For outdoor work in cold temperatures
- Construction industry
- Road construction
- Supply and disposal companies
- Tasks in refrigerated and normal warehouses

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Winter glove MultiFit Dry

Liquid repellent, fully dipped winter glove with optimal fit as well as maximum tactile sensitivity for work in cold and wet work environments

Good heat insulation

Fluid-repellent and breathable

Full-surface coating made from very flexible, breathable natural latex foam

Excellent grip in wet and dry conditions

Additional coating on the palm of the hand with particularly slip-proof micro-textured surface.

Easy and quick to put on and take off

Comfortably wide cuff and rip-tape fastening

Maximum comfort

Soft, heat-insulating polyester fabric backing combined with breathable, flexible natural rubber latex coating



Gauge	13
Material of the liner	Polyester
Material coating	Natural latex
EN standard	388, 420, 511
Category	II

Size	Art. No.	P. Qty.
8	0899 405 608	6
9	0899 405 609	6
10	0899 405 610	6
11	0899 405 611	6

Details/Application

- Activities in wet and cold work environments
- Assembly, workshop work and mechanic's tasks
- Repair and maintenance work

Proof of Performance

**EN 388:
2016**



3 2 3 2 X

**EN 407:
2004**



X 1 X X X X

**EN 511:
2006**



X 1 1

Protective glove, winter

Mapa Temp Ice 700

Temp-Ice 700 protects down to -10°C when working in cold environments thanks to the insulating textile fabric, while at the same time offering comfort, dexterity and flexibility.

- Coating is five times more resistant to abrasion than protective gloves commonly available on the market
- Excellent grip when handling wet parts: reduced muscle fatigue and increased productivity
- Hand remains dry in wet conditions thanks to the liquid-tight coating and water-repellent knit
- High efficiency: washable up to five times
- Suitable for contact with frozen, dry and fatty foods



Proof of Performance

EN 388:
2016



3 2 2 2 X

EN 511:
2006



02X

Material coating	Nitrile
Material	Nitrile
EN standard	388, 511
Category	II
Colour	Black, Blue

Size	Art. No.	P. Qty.
7	1931 009 936	12
8	1931 009 937	12
9	1931 009 938	12
10	1931 009 939	12

Details/Application

Transport, logistics

- Order preparation

Other industries

- Maintenance work in wet or cold environments
- Handling building materials

Municipal facilities

- Waste collection
- Catering services
- Park and landscaping
- Road maintenance

Protective glove, winter

Mapa Sea 770

Protection against contact with extreme cold: thermal insulation and 100% liquid-tight

- Flexible working, since the PVC has been specifically designed for use in extreme cold (-30°C)
- High resistance to oils, greases and hydrocarbons

Special properties:

- Excellent heat insulation and acrylic fleece lining for more comfort



Material coating	PVC
Material	PVC - Polyvinyl chloride
EN standard	374, 388, 511
Category	III
Colour	Blue

Size	Art. No.	P. Qty.
9	1931 007 254	1
10	1931 007 255	1

05

Details/Application

Fisheries and work at sea

- Product handling

Foodstuffs industry

- Maintenance and other work in cold stores

Transport

- Handling liquids at low temperatures (water, oil, hydrocarbons, etc.)

Other industries

Proof of Performance

EN ISO 374-5:
2016



EN ISO 374-1:2016
Type B



EN 388:
2016



EN 511:
2006



HEAT PROTECTION GLOVES



Heat protection glove

05

Mapa® Temp Dex Plus 710

Outstanding dexterity and thermal protection

- Fine, anatomically shaped glove for outstanding dexterity
- Long service life thanks to the excellent abrasion resistance
- Nub profile for better heat insulation and more grip

Material	Nitrile
Colour	Yellow
EN standard	388, 407



Size	Art. No.	P. Qty.
7	1931 008 111	10
9	1931 008 112	1
11	1931 008 113	10

Details/Application

- Ceramic and plastic industry
- Other industries
- Construction trade (heating engineers/plumbers)

Proof of Performance

EN 407:
2004


X 1 X X X X

EN 388:
2016


4 1 1 1 X

Heat protection gloves

Mapa® Temp-Dex Plus 720

Cutting strength and thermal protection for precision work

- Nitrile coating and nubs
- Fleece inside for maximum comfort and thermal insulation
- Short-term contact heat up to max. 125°C
- Cut-resistant in accordance with ISO 13997 Level B

Size	7
Material	Nitrile
Colour	Orange
EN standard	388, 407

Art. No. 1931 008 024

P. Qty.: 1



Proof of Performance

EN 388:
2016



4 3 4 3 B

EN 407:
2004



X 2 X X X X

05

Heat protection glove

Showa 4561

- Lightweight, elastic glove, virtually lint-free, shape-retaining for a long time
- Sponge nitrile protects the hands against oils and greases
- Secure grip in oily conditions with high abrasion resistance
- Special fibre fabric provides level D cut protection
- Excellent dexterity and tactile sensitivity
- Breathable back of the hand reduces sweating
- Ideal for optimal mobility and continuous wear
- Seamless fabric prevents irritations
- No allergy risks from latex

Colour	Yellow, Black
EN standard	388

Size	Art. No.	P. Qty.
6	1931 026 977	12
7	1931 026 978	12
8	1931 026 979	12
9	1931 026 980	12
10	1931 026 981	12



Proof of Performance

EN 407:
2004



X 2 X X X X

EN 388:
2016



4 X 3 2 D

Heat protection glove

Showa 8814

- Approved for contact with foodstuffs
- Comfortable, supple glove with effective protection against abrasion
- Material with high mechanical strength while insulating against heat and cold
- Insulation against temperature peaks of up to 260°
- Suitable for food processing
- No latex allergy risk
- Easy to put on and take off
- Well-protected wrist
- Colour insensitive to dirt

Material	Neoprene
Colour	Black
EN standard	388, 407



Proof of Performance


EN 407:
2004

X 2 X X X X
EN 388:
2016

2 2 4 2 X

05

Size	Art. No.	P. Qty.
7	1931 011 417	12
8	1931 011 418	12
9	1931 011 419	1
10	1931 011 420	12

Heat protection glove

Jutec H05LA238-W2

Aluminised five-finger glove

- Abrasion-resistant
- Flexible aluminisation
- Soft
- Best handling
- Length: 38 cm

Size	10
Material	Split leather
Colour	Brown, Silver
EN standard	388, 407



Proof of Performance

EN 388:
2016

4 X 4 X D
EN 407:
2004

X 2 X X X X
Art. No. 1931 027 833

P. Qty.: 1

Heat protection glove

Fitzner 741222

Kevlar®/para-aramid coarse-knit glove for outstanding cut and heat protection

- Double knit terry fabric
- Circular knit, seamless, with knitted cuff
- Very resistant
- Very good tear resistance values for a long service life
- Good fit
- Breathable
- Cut protection class 5
- Recommended max. contact heat temperature: 350°C

Size	10
Colour	Yellow
EN standard	388, 407

Art. No. 1931 009 942

P. Qty.: 1



Proof of Performance

EN 388:
2016



2 3 4 3 X

EN 407:
2004



3 3 3 X X X

05

Details/Application

Suitable for working with hot and sharp-edged objects

Heat protection glove

Fitzner 71 1224

Highly resistant Kevlar®/para-aramid 5-finger gloves with cuff

- Fully lined with cotton
- Very good tear resistance values for a long service life
- Good fit
- Breathable
- Length approx. 30 cm
- Excellent cut and heat protection, recommended max. contact heat temperature: 500°C

Size	10
Colour	Yellow
EN standard	388, 407



Proof of Performance

EN 388:
2016



2 5 4 4

EN 407:
2004



4 4 4 3 3 X

Art. No. 1931 009 943

P. Qty.: 1

Details/Application

Suitable for working with hot and sharp-edged objects

Heat protection glove

Jutec H115A238-W2-PV

Aluminised 5-finger glove

- Aramide fibre up to 500 degrees
- Cut-resistant and abrasion-resistant
- Easy to handle
- PV insulation
- Length: 38 cm

Size	10
Material	Para-aramid synthetic fibre
Colour	Aluminium coloured, Yellow
EN standard	388, 407



Proof of Performance

EN 388:
2016



1 5 4 3 X

EN 407:
2004



4 4 3 4 4 4

Art. No. 1931 027 834

P. Qty.: 1

Suitable heat protection clothing can be found on pages 281-283.

Heat protection glove

Fitzner 711225

Highly resistant Kevlar®/para-aramid 5-finger gloves with cuff

- Fully lined with cotton
- Very good tear resistance values for a long service life
- Good fit
- Breathable
- Length approx. 40 cm
- Excellent cut and heat protection: Cut protection class 5, recommended max. Contact heat temperature: 500°C



Size	10
Colour	Yellow
EN standard	388, 407

Art. No. 1931 009 944

P. Qty.: 1

Proof of Performance

EN 388:
2016



2 5 4 4

EN 407:
2004



4 4 4 3 3 X

Details/Application

Suitable for working with hot and sharp-edged objects

05

Heat protection glove

Jutec H125A238-W2-PV

Aluminised five-finger glove

- Can be mechanically stressed
- Good handling
- Preox-aramid fabric up to 650°C
- PV insulation
- Length: 38 cm



Size	10
Material	Para-aramid synthetic fibre
Colour	Green, Silver
EN standard	388, 407

Art. No. 1931 027 835

P. Qty.: 1

Proof of Performance

EN 388:
2016



3 5 4 3 X

EN 407:
2004



4 4 3 4 4 4

Suitable heat protection clothing can be found on pages 281-283.

CHEMICAL PROTECTIVE GLOVES





REQUIREMENTS FOR CHEMICAL PROTECTIVE GLOVES

The basic requirements for chemical protection gloves are covered by EN ISO 374.
The revision of the standard led to fundamental changes and new marking.

05

Protection against chemical risks

New marking of protective gloves against
chemicals according to EN ISO 374-1:2016

EN ISO 374-1: 2016
Type A



A B C D E F

Permeation protection Type A:

At least 6 test chemicals must reach
at least level 2 (>30 minutes)

EN ISO 374-1: 2016
Type B



A B C

Permeation protection Type B:

At least 3 test chemicals must reach
at least level 2 (>30 minutes)

EN ISO 374-1: 2016
Type C



Permeation protection Type C:

At least 1 test chemical must reach
at least level 1 (> 10 minutes)

Definition Permeation

Permeation is the process by which a chemical penetrates the material of the protective glove at a molecular level. The time from the first contact of the chemical with the glove to the penetration of the material is the breakthrough time and is expressed in a performance level.

Test chemicals according to EN ISO 374-1:2016

	Kennbuchstabe	Test chemical
Existing	A	Methanol
	B	Acetone
	C	Acetonitrile
	D	Dichloromethane
	E	Carbon disulphide
	F	Toluene
	G	Diethylamine
	H	Tetrahydrofuran
	I	Ethyl acetate
	J	n-Heptane
	K	Sodium hydroxide 40%
	L	Sulphuric acid 96%
NEW	M	Nitric acid 65%
	N	Acetic acid 99%
	O	Ammonia water 25%
	P	Hydrogen peroxide 30%
	S	Hydrofluoric acid 40%
	T	Formaldehyde 37%

Performance levels against permeation according to EN ISO 374-1:2016

Measured breakthrough time	Performance level against permeation (permeation level)
< 10 min	0
> 10 min	1
> 30 min	2
> 60 min	3
> 120 min	4
> 240 min	5
> 480 min	6

Protection against microorganisms

New marking of chemical protective gloves
according to EN ISO 374-5:2016

EN ISO 374-5:2016



**Label of gloves protecting
against bacteria and fungi**

EN ISO 374-5:2016



VIRUS

**Label of gloves protecting
against viruses, bacteria and fungi**

Nitrile chemical protective glove

Cotton velour lining

- 100% liquid-proof
- Diamond pattern for a secure grip
- Chemical and liquid protection against many alkalis, acids, greases, oils and in some cases solvents
- Silicone-free manufacturing process
- Food-safe



Material	Nitrile
Interior finish	Flocklined
EN standard	374, 388, 420
Category	III
Length	330 mm
Material thickness	0.38 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Green

05

Size	Art. No.	P. Qty.
7	0899 435 07	6
8	0899 435 08	6
9	0899 435 09	6
10	0899 435 10	6
11	0899 435 11	6/144

Details/Application

Painting work, surface treatment, etching, coolants and lubricants, vehicle and machine maintenance, foods industry, galvanising baths, cleaning, handling pesticides

Proof of Performance



EN ISO 374-1:2016

Type A



JKLOPT

EN ISO 374-5:

2016



VIRUS

EN 388:

2016



4 1 0 1 X

Protective glove, disposable

KCL Camatril 730

The Camatril® 730 is a proven product of a very high level of quality with versatility made from high quality nitrile. The wide-ranging chemical resistance allows the chemical protective glove to be used for a broad spectrum of applications. Good flexibility, anatomical shape and optimal fit provide good tactile sensitivity. The cotton velour finish additionally provides excellent comfort. This protective glove is also approved for food preparation and processing in accordance with EU 1935/2004.



Material	Nitrile
EN standard	374, 388
Category	III
Material thickness	0.4 mm
Colour	Green

Size	Art. No.	P. Qty.
7	1931 009 393	10
8	1931 009 394	10
9	1931 009 395	10
10	1931 009 396	10
11	1931 009 397	10

05

Details/Application

- Automotive and supplier industry
- Petrochemical and printers
- Paint shops
- Laboratory work
- Chemical industry
- Maintenance and cleaning work
- Foodstuffs industry
- Processing of epoxy resins

Proof of Performance

**EN ISO 374-5:
2016**



**EN ISO 374-1:2016
Type A**



**EN 388:
2016**



Chemical protective glove

Ansell Sol-Vex 37-675

- Ansell's Sol-Vex® nitrile glove range achieves optimal results in dry and wet work areas where first-class chemical protection is crucial.
- With its uniquely high abrasion resistance, this reusable glove offers excellent comfort, making it the ideal choice for safe handling of aggressive chemicals.
- The cotton velour lining offers the user exceptional comfort combined with the flexibility and mobility of the Ansell nitrile rubber. The diamond finish enhances grip.
- The non-slip, textured finish reduces the rejection of fragile parts due to damage, therefore minimising indirect costs.



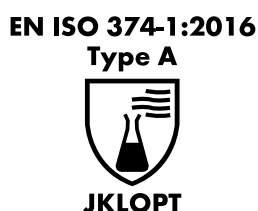
Material	Nitrile
Interior finish	Cotton velour
EN standard	374, 388
Category	
Length	330 mm
Material thickness	0.38 mm
Colour	Green

Size	Art. No.	P. Qty.
6	1931 007 905	12
7	1931 007 906	12
8	1931 007 907	12
9	1931 007 908	12
10	1931 007 909	12
11	1931 007 910	12

Details/Application

- Chemical processing
- Oil and petroleum refining
- Metal production
- Agricultural chemicals
- Printing industry

Proof of Performance



Chemical protective glove

Showa 730

- A flexible, sweat absorbent glove
- Protects against oils, hydrocarbons, greases and abrasion, provides efficient and long-lasting secure grip
- Impermeable for working in damp or greasy environments
- Surface provides better grip
- Minimal allergy risk
- Designed for greater freedom of movement and more comfort when wearing for extended periods
- Easy to use one hand
- Well-protected wrist



Material	Nitrile
Interior finish	Cotton velour
EN standard	388, 374
Category	III
Length	330 mm
Material thickness	0.38 mm
Colour	Green

Size	Art. No.	P. Qty.
7	1931 011 447	12
8	1931 011 448	12
9	1931 011 449	12
10	1931 011 450	12
11	1931 011 451	12

Details/Application

- Petrochemical industry
- Automotive industry
- Food processing

Proof of Performance



EN ISO 374-1:2016
Type A



JKLOPT

EN ISO 374-5:
2016



VIRUS

EN 388:
2016



2001X

Nitrile chemical protective glove, heavy-duty

Long, heavy-duty design

- Diamond pattern for a secure grip
- Chemical and liquid protection against many alkalis, acids, greases, oils and in some cases solvents
- Silicone-free manufacturing process
- Food-safe



Material	Nitrile
EN standard	374, 388, 420
Category	III
Length	450 mm
Material thickness	0.58 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Green

Size	Art. No.	P. Qty.
8	0899 435 408	6
9	0899 435 409	6
10	0899 435 410	6

Details/Application

Cleaning and maintenance work, chemical industry, food industry, painting and degreasing work, chemicals in agriculture, cooling and cutting oils

Proof of Performance



EN ISO 374-1:2016
Type A



AJKLOP

EN ISO 374-5:
2016



VIRUS

EN 388:
2016



4 1 0 2 X

Chemical protective glove

Showa 747

Thin and lightweight glove that fits like a „second skin“

- Protects against oils, hydrocarbons, greases and abrasion, provides efficient and long-lasting grip
- Impermeable, for working in damp or greasy environments
- Prevents small particles
- Designed for easy movement and more comfort for continuous wear
- Forearm protection
- Chlorinated
- Approved for handling foods



Material	Nitrile
Interior finish	Cotton velour
EN standard	388
Category	III
Length	480 mm
Material thickness	0.56 mm
Colour	Green

Size	Art. No.	P. Qty.
9	1931 011 481	12
10	1931 011 482	12
11	1931 011 483	12

Details/Application

- Petrochemicals
- Food processing
- Automotive industry

Proof of Performance



EN ISO 374-1:2016

Type A



JKLOPT

EN ISO 374-5:

2016



VIRUS

EN 388:

2016



3 0 0 1 X

Chemical protective glove

Showa NSK 24

Supple glove with good mechanical strength. Sweat absorbing and also offering consistent comfort during extended wear.

- Protects against oils, hydrocarbons, greases and abrasion, provides efficient and long-lasting grip
- Impermeable, for working in damp or greasy environments
- Surface processing for better sensitivity and better grip

Material	Nitrile
EN standard	388
Category	III
Length	356 mm
Colour	Royal blue



Size	Art. No.	P. Qty.
8	1931 011 484	12
9	1931 011 485	12
10	1931 011 486	12
11	1931 011 487	12

Details/Application

- Chemical crop protection
- Handling plants and vegetables
- Handling mild chemicals in agriculture and gardening
- Application of coatings
- Fruit and vegetable processing
- Hotel and catering sector
- Dishwashing and hygiene
- Washing/cleaning

Proof of Performance



EN ISO 374-1:2016
Type A



EN ISO 374-5:
2016



EN 388:
2016



Chemical protective glove

Showa NSK 26

Supple glove with good mechanical strength. Sweat absorbing and also offering consistent comfort during extended wear.

- Protects against oils, hydrocarbons, greases and abrasion, provides efficient and long-lasting grip
- Impermeable, for working in damp or greasy environments
- Cuff with consistently good fit
- Surface processing for better sensitivity and better grip



Material	Nitrile
EN standard	388
Category	III
Length	640 mm
Colour	Royal blue

Size	Art. No.	P. Qty.
8	1931 011 488	12
9	1931 011 489	12
10	1931 011 490	12
11	1931 011 491	12

05

Details/Application

- Chemical crop protection
- Handling plants and vegetables
- Handling mild chemicals in agriculture and gardening
- Application of coatings
- Fruit and vegetable processing
- Hotel and catering sector
- Dishwashing and hygiene
- Washing/cleaning

Proof of Performance



EN ISO 374-1:2016
Type A



EN ISO 374-5:
2016



EN 388:
2016



4 1 1 2 X

Chemical protective glove

Ansell AlphaTec 58-535W

- The integrated Ansell Grip Technology™ offers the user more controlled handling of wet or oily objects, with less effort needed for gripping. This unique combination of chemical protection, grip, flexibility and movement makes the AlphaTec® the best choice for working with chemicals.
- Reliable chemical protection for increased user safety. The patented Ansell Grip Technology™ prevents penetration of the material through the polymer coating during the manufacturing process. This homogeneous protective layer significantly reduces the risk of chemicals penetrating through the glove material to the skin.
- This AlphaTec® model with white nylon liner is recommended for indoor applications.



Material	Nitrile
EN standard	374, 388, 407
Category	
Length	356 mm
Colour	Grey, Green

Size	Art. No.	P. Qty.
7	1931 007 917	1
8	1931 007 918	1
9	1931 007 919	6
10	1931 007 920	12
11	1931 007 921	1

Details/Application

- Aviation and aerospace
- Agricultural chemicals
- Handling chemicals, especially caustics and solvents
- Emergency services
- Working with oily and greasy objects
- Maintenance
- Mining
- Printing
- Oil and petroleum refining

Proof of Performance



**EN ISO 374-5:
2016**



VIRUS

**EN 407:
2004**



X 1 X X X X

**EN ISO 374-1:2016
Type A**



AJKLOPT

**EN 388:
2016**



3 1 2 2 A

Household glove

Liquid-proof, premium-quality cleaning glove made from natural latex



- Diamond structure for a secure grip
- Extremely elastic
- Optimum sense of touch
- Food safe
- Silicone-free manufacturing process

Material	Natural latex
Interior finish	Flocklined
EN standard	388, 374, 420
Category	III
Length	300 mm
Material thickness	0.42 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Yellow

Size	Art. No.	P. Qty.
7	0899 415 01	12
8	0899 415 02	12
9	0899 415 03	12
10	0899 415 04	12

Details/Application

- For cleaning tasks in industrial, commercial and domestic settings
- Laboratory work
- Food industry
- Agriculture
- Maintenance, cleaning and care activities

Proof of Performance



EN ISO 374-1:2016
Type B



EN 388:
2016



2000 X

EN ISO 374-5:
2016



Chemical and moisture protective glove, Vinyl

Fully dipped protective glove with vinyl coating on cotton jersey lining

- Excellent wet and dry grip thanks to micro-roughened palm surfaces
- 100% waterproof
- Cold-insulating and heat-insulating jersey lining



Size	10
Material	PVC - Polyvinyl chloride
Interior finish	Cotton jersey liner
EN standard	374, 388, 420
Category	III
Length	350 mm
Material thickness	1.80 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Green

05

Art. No. 0899 430

P. Qty.: 12

Details/Application

- For medium mechanical stress in wet areas
- Chemical protection
- Transport of hazardous goods
- Road tanker drivers
- Handling chemicals and liquids
- Fishing and fish processing
- Disposal operations
- Cleaning work
- Agriculture
- Refrigeration work

Proof of Performance

EN ISO 374-1:2016**Type A****JKLMPS****EN ISO 374-5:****2016****VIRUS****EN 388:****2016****4 1 2 1 X****EN ISO 374-5:****2016**

Chemical protective glove, Butyl

Gas-tight and resistant to exhaust gases produced by combustion processes

- Excellent protection against hazardous chemicals
- Good mechanical resistance
- Rolled edge
- Powdered



Material	Butyle
Interior finish	Powdered
EN standard	374, 388, 420
Category	III
Length	350 mm
Material thickness	0.50 mm
Tolerance, material thickness (+/-)	0.10 mm
Colour	Black

Size	Art. No.	P. Qty.
8	0899 430 308	1
9	0899 430 309	1
10	0899 430 310	1

05

Details/Application

- Chemical industry
- Laboratory work
- Handling extremely dangerous, toxic chemicals, such as esters, ketones, acetone, aldehydes, amines, anhydrides, potassium hydroxide, sodium hydroxide, bases, alcohol, inorganic salts, organic acids and inorganic acids up to 20%

Proof of Performance

EN ISO 374-1:2016
Type B



EN ISO 374-5:
2016



EN 388:
2016



Notice

Not resistant to oils, greases, halogens and hydrocarbons

Chemical protective glove

KCL Butoject 898

Butoject® 898 is a highly flexible chemical protective glove made of butyl rubber manufactured with the environmentally-friendly injection moulding process. This glove is very popular in the field of NBC protection due to its excellent protection against a wide range of chemicals and gases.



Material	Butyle
EN standard	374, 388
Category	III
Material thickness	0.7 mm
Colour	Black

Size	Art. No.	P. Qty.
8	1931 008 498	1
9	1931 008 499	1
10	1931 008 500	1
11	1931 008 501	1

Details/Application

- Printers
- Laboratories
- Manufacturing of paints and varnishes
- Chemical industry
- Metal and plastic processing
- Recycling and waste disposal
- Cleaning and maintenance work
- Fire services and the armed forces

Proof of Performance

EN ISO 374-5:

2016



VIRUS

EN 388:

2016



0010X

Chemical protective glove

Showa 874R

Thin and lightweight glove that feels like a „second skin“ and protects against a wide range of chemical hazards.

- Impermeable, for working in oily or damp environments
- The rolled cuff prevents dirt from entering the glove.
- Surface processing for optimum sensitivity and optimum grip, roughened fingertip surface
- Minimal allergy risk
- Designed for greater freedom of movement and more comfort for extended wearing, anatomical shape
- The packaging makes it easier to find the right model in the displays
- Well protected wrist
- Special colour for dirty work



Material	Butyle
EN standard	374, 388
Category	III
Length	350 mm
Material thickness	0.35 mm
Colour	Black

Size	Art. No.	P. Qty.
7	1931 027 836	12
8	1931 027 837	12
9	1931 027 838	12
10	1931 027 839	12
11	1931 027 840	12

Details/Application

- Chemical crop protection
- Application of coatings
- Police and defence

Proof of Performance

EN ISO 374-1:2016

Type B



BIK

EN ISO 374-5:

2016



VIRUS

EN 388:

2016



0010X

Chemical protective glove, natural latex and neoprene

Cotton flocking on the inside

- 100% liquid-proof
- Excellent sense of touch
- Good resistance to diluted acid and alkaline solutions
- Good mechanical resistance
- Silicone-free manufacturing process
- Food-safe



Material	Natural latex chloroprene mix
Interior finish	Flocklined
EN standard	388, 374, 420
Category	III
Length	320 mm
Material thickness	0.67 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Black

05

Size	Art. No.	P. Qty.
8	0899 435 508	6
9	0899 435 509	1/6
10	0899 435 510	6

Details/Application

- Cleaning and maintenance work
- Chemical industry
- Food industry
- Laboratory work

Proof of Performance



EN ISO 374-1:2016

Type A



JKLNPT

EN ISO 374-5:
2016

VIRUS

EN 388:
2016

2 1 2 1 X

Chemical protective glove, chloroprene and latex

Cotton flocking on the inside

- 100% waterproof
- Excellent grip thanks to diamond profile on palms and fingertips
- Food safety tested



Material	Chloroprene latex
Interior finish	Flocklined
EN standard	388, 374, 420
Category	III
Length	320 mm
Material thickness	0.67 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Blue, Yellow

Size	Art. No.	P. Qty.
8	0899 435 81	6
9	0899 435 82	6
10	0899 435	6

05

Details/Application

- Industrial maintenance and cleaning tasks
- Handling pesticides and agricultural chemicals
- Cleaning and handling tasks in the foodstuffs industry
- Construction chemicals used for sealing, bonding, cleaning and joining
- Can also be used as tiling gloves for interior renovations

Proof of Performance



EN ISO 374-1:2016
Type A



AKLNPT

EN ISO 374-5:
2016



VIRUS

EN 388:
2016



3 1 1 1 X

Chemical protective glove, chloroprene

Heavy-duty design

- Cotton flocking on the inside
- Diamond structure for a secure grip
- Highly resistant to dilute acids, alkaline solutions, oils and fats
- Good mechanical resistance
- Food-safe



Material	Chloroprene
Interior finish	Flocklined
EN standard	388, 374, 420
Category	III
Length	330 mm
Material thickness	0.68 mm
Tolerance, material thickness (+/-)	0.03 mm
Colour	Black

05

Size	Art. No.	P. Qty.
8	0899 435 608	6
9	0899 435 609	6
10	0899 435 610	1/6

Details/Application

- Cleaning and maintenance work
- Chemical industry
- Food industry
- Agricultural industry
- Cooling and cutting oils
- Electroplating tasks

Proof of Performance



EN ISO 374-1:2016

Type A



BKLOPT

EN ISO 374-5:
2016

VIRUS

EN 388:
2016

2 1 1 1 X

Chemical protective glove

AMPri SolidSafety ChemP 081301

- Long cuff for perfect hand and arm protection
- Roughened palm for a good grip even when handling wet and oily objects, fluid repellent
- High resistance to a wide range of chemicals
- Excellent wearing comfort thanks to the special jersey fabric
- High mechanical resistance
- Ergonomic fit for effortless working



Material	PVC - Polyvinyl chloride
Interior finish	Nylon (polyamide)
EN standard	374, 388, 420
Category	III
Length	508 mm
Colour	Yellow

Size	Art. No.	P. Qty.
8	1931 027 841	1
9	1931 027 842	1
10	1931 027 843	1

Details/Application

- Chemical industry
- Agriculture
- Waste water management
- Municipalities (cleaning)
- Industrial cleaning
- Waste disposal

Proof of Performance

EN ISO 374-1:2016

Type A



JKLMPT

EN 388:

2016



4 1 4 1 X

Chemical protective glove

KCL® Combi Latex 403

Combi-Latex 403 is the most robust of the chemical protective gloves. It offers good resistance to a variety of acids and alkalis, thus making it suitable for high mechanical loads. High elasticity and a good fit provide adequate comfort and despite the heavy-duty design, ensure effortless work. With a length of 600 mm, this version offers additional protection over the forearm.



Material	Natural latex
EN standard	374, 388
Category	III
Material thickness	1 mm
Tolerance, material thickness (+/-)	0.1 mm
Colour	White

Size	Art. No.	P. Qty.
9	1931 008 441	1
10	1931 008 442	1
11	1931 008 443	1

Details/Application

- Chemical industry
- Industrial cleaning
- Utility companies

Proof of Performance

EN ISO 374-1:2016
Type B



EN 388:
2016



DISPOSABLE GLOVES



Disposable nitrile glove

Liquid-proof, food-safe disposable glove

- Powder-free
- Silicone-free manufacturing process
- In practical disposable dispenser



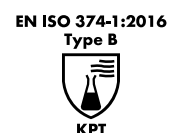
Material	Nitrile
Interior finish	Powder-free, Chlorinated
EN standard	374, 420
Category	III
Length	240 mm
Tolerance, material thickness (+/-)	0.01 mm

Colour	Size	Material thickness	Art. No.	P. Qty.
Blue	S	0.1 mm	0899 470 00	100
Blue	M	0.10 mm	0899 470 01	100
Blue	L	0.10 mm	0899 470 02	10/100
Blue	XL	0.10 mm	0899 470 03	100
Blue	XXL	0.1 mm	0899 470 04	100
Black	S	0.1 mm	0899 470 100	100
Black	M	0.1 mm	0899 470 101	100
Black	L	0.1 mm	0899 470 102	100
Black	XL	0.1 mm	0899 470 103	100
Black	XXL	0.1 mm	0899 470 104	100

Details/Application

- Laboratory work
- Food processing industry
- Catering
- Pharmaceutical and chemical industry, electrical engineering
- Decorating, spray-painting and polishing
- Cleaning and maintenance work
- Workshop jobs

Proof of Performance



Disposable nitrile grip glove

Unique, diamond texture for optimal grip

- Extremely tear-resistant
- Powder-free and latex free
- Food-safe
- Silicone-free manufacturing process
- Orange colour increases visibility
- In a practical disposable dispenser



Colour	Orange
Material	Nitrile
Interior finish	Powder-free
EN standard	374, 420
Category	III
Length	240 mm
Material thickness of finger (smooth)	0.18 mm
Material thickness of finger (textured)	0.27 mm
Material thickness of palm (textured)	0.23 mm
Material thickness of cuff (smooth)	0.11 mm
Tolerance, material thickness (+/-)	0.01 mm

Size	Art. No.	P. Qty.
S	0899 470 120	50
M	0899 470 121	50
L	0899 470 122	50
XL	0899 470 123	50
XXL	0899 470 124	50

Details/Application

- Chemical industry
- Workshop activities
- Painting, varnishing and polishing work
- Food processing industry and catering
- Electronics and computer industry
- Laboratory and research
- Cleaning and maintenance
- Product protection and printing industry

Proof of Performance

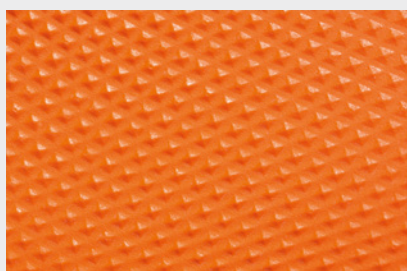
**EN ISO 374-5:
2016**



**EN ISO 374-1:2016
Type B**



KOPT



Disposable nitrile glove

Ansell TNT 92-600

Robust disposable nitrile glove with improved splash-proofing

- Disposable gloves for chemical splash-proofing
- The proprietary Ansell material formulation provides improved splash-proofing
- Soft nitrile mixture ensures a high level of comfort
- Robust design for superior durability
- Silicone-free for product protection



Colour	Green
Material	Nitrile
EN standard	374
Category	III
Length	240 mm
Material thickness of palm (textured)	0.12 mm

Size	Art. No.	P. Qty.
6	1931 007 989	100
7.5 - 8	1931 007 990	100
8	1931 007 991	100
9	1931 007 992	100

05

Details/Application

- Transferring liquids and solids
- Sampling and processing
- Meat, fish and food processing
- Industrial production
- Maintenance
- Laboratory analysis
- Chemical handling

Proof of Performance



EN ISO 374-5:
2016



EN ISO 374-1:2016
Type B



Disposable nitrile glove

AMPri SolidSafety ChemN 081303

- Excellent chemical and physical resistance
- Proven resistance to micro-organisms
- Silicone-free
- Soft, comfortable fit and excellent wear comfort
- Very good grip even when used in damp or wet areas
- Non-sterile and powder-free



Material	Nitrile
EN standard	374, 420, 455
Category	III
Length	240 mm
Material thickness	0.12 mm
Colour	Green

05

Size	Art. No.	P. Qty.
S	1931 027 844	100
M	1931 027 845	100
L	1931 027 846	100
XL	1931 027 847	100
XXL	1931 027 848	100

Details/Application

- Chemical industry
- Pharmaceuticals industry
- Research
- Laboratories
- Medicine

Proof of Performance

EN ISO 374-5:
2016



EN ISO 374-1:2016
Type B



Disposable nitrile glove

AMPri puracomfort blue 970-013

- Textured fingers for a good grip
- Very good sense of touch
- Lightweight design – thin film nitrile glove
- Excellent fit on both hands
- Good expandability
- Powder-free
- Non-sterile



Colour	Blue
Material	Nitrile
EN standard	374
Category	III
Length	240 mm
Material thickness	0.05 mm
Material thickness of palm (textured)	0.05 mm

Size	Art. No.	P. Qty.
S	1931 027 998	100
M	1931 027 999	100
L	1931 028 000	100
XL	1931 028 001	100

Proof of Performance

**EN ISO 374-5:
2016**



**EN ISO 374-1:2016
Type B**



Disposable nitrile glove, extra strong

Hard-wearing disposable gloves with excellent chemical protection

- Powder-free
- Food-tested
- Silicone-free manufacturing process
- Roughened surface ensures a good grip
- In practical disposable dispenser



Colour	Blue
Material	Nitrile
Interior finish	Powder-free, Chlorinated
EN standard	374, 388, 420
Category	III
Length	300 mm
Material thickness	0.20 mm
Tolerance, material thickness (+/-)	0.01 mm

05

Size	Art. No.	P. Qty.
L	0899 470 409	50
M	0899 470 408	50
XL	0899 470 410	50
XXL	0899 470 411	50

Details/Application

- Chemical industry
- Food industry and catering
- Electronics and computer industry
- Laboratory and research facilities
- Cleaning and maintenance
- Product protection and printing industry

Proof of Performance



EN ISO 374-1:2016
Type B



JKOPT

EN ISO 374-5:
2016



VIRUS

EN 388:
2016



2000X

Disposable nitrile glove

Showa 7585®

Disposable gloves, 100% nitrile, cobalt blue, unpowdered, silicon-free, 300 mm long, 0.20 mm thick

- Thicker glove for increased chemical resistance
- Prevents latex allergies of types I and IV
- High degree of protection against penetrating chemicals and chemical splashes
- Chlorinated glove for greater comfort and grip and reduced bonding
- Feels like a second skin, pleasant texture and easy to put on
- Low-modulus formula for an enhanced fit and less fatigue
- Textured surface of finger tips for improved grip



Colour	Cobalt blue
Material	Nitrile
EN standard	374, 388, 455
Category	III
Length	300 mm
Material thickness	0.20 mm

Size	Art. No.	P. Qty.
7	1931 018 524	50
8	1931 018 525	50
9	1931 018 526	50
10	1931 018 527	50
11	1931 027 917	50

05

Proof of Performance



**EN ISO 374-5:
2016**



VIRUS

**EN ISO 374-1:2016
Type B**



JKL

**EN 388:
2016**



2001 X

Disposable vinyl glove

Liquid-sealed disposable gloves

- Powder-free
- In practical disposable dispenser



Colour	Transparent
Material	Vinyl
Interior finish	Powder-free
EN standard	420
Category	I
Length	240 mm
Material thickness	0.12 mm
Tolerance, material thickness (+/-)	0.03 mm

Size	Art. No.	P. Qty.
M	0899 460 02	100
L	0899 460 03	100
XL	0899 460 04	100

Details/Application

- Minor assembly and inspection work
- Decorating, spray-painting and polishing
- Sorting small parts
- Machine cleaning and maintenance
- Laboratory work and food processing

Disposable vinyl glove

AMPri Eco Plus 01260

- Smooth palm
- Lightweight fabric – perfect for use in workshops, at home or in the garden, as well as for light maintenance work
- Perfect fit on both hands
- Does not contain allergenic proteins
- Does not contain DOP/DEHP
- Powder-free
- Non-sterile



Colour	White
Material	Vinyl
EN standard	420, 455
Category	I
Length	240 mm
Material thickness	0.08 mm
Material thickness of palm (textured)	0.08 mm

Size	Art. No.	P. Qty.
S	1931 027 134	100
M	1931 027 135	100
L	1931 027 136	100
XL	1931 027 137	100

Disposable latex glove

Nitras Dispatex 8200

- Disposable latex gloves
- Non-sterile
- Roll cuff
- Powder-free
- For food contact
- Can be worn on both sides
- AQL 1.5



Colour	Natural
Material	Latex
Category	II

Size	Art. No.	P. Qty.
7	1931 008 079	100
8	1931 008 080	100
9	1931 008 081	100
10	1931 008 082	100

Details/Application

- Food industry
- Counters
- Butchers
- Bakeries
- Laboratory

Proof of Performance



LEATHER GLOVES



Protective glove Protect

Flexible pigskin nappa leather glove for installers and mechanics

- Soft, supple pigskin nappa leather
- Back of the hand made from breathable elastic cotton fabric for comfort
- Excellent fit, flexibility and dexterity
- Perfect fit thanks to hook and loop fastener



Material	Pig Nappa leather
Interior finish	Without lining
EN standard	388, 420
Category	II
Colour	Red, White

Size	Art. No.	P. Qty.
8	0899 400 132	12
9	0899 400 133	12
10	0899 400 134	12



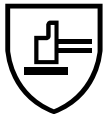
Details/Application

- For light mechanical stress
- Product sorting and picking
- Repair and maintenance work
- Light assembly and mechanical work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Proof of Performance

EN 388:
2016



2 1 1 2 X

Protective glove Driver Classic

High-quality driver-style protective glove completely made from durable, soft cowhide leather

- Very good fit and very comfortable to wear
- Good grip
- Elasticated band on the back of the hand

Material	Full-grain cowhide leather
Interior finish	Without lining
EN standard	388, 420
Category	II
Colour	Natural

Size	Art. No.	P. Qty.
8	5350 000 408	6
9	5350 000 409	6
10	5350 000 410	6
11	5350 000 411	6



Proof of Performance

EN 388:
2016



2 1 2 2 X

Details/Application

Gardening, agriculture and forestry, wood, construction and road industries, metal construction work, warehousing and logistics and haulage



Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Protective glove, leather

Feldtmann 0273

Protective glove, entirely full-grain leather (sheep/goat nappa leather)

- Inset thumb
- Leather sidewall

Material	Nappa leather
EN standard	388
Category	II
Colour	Natural



Proof of Performance

EN 388:
2016



Size	Art. No.	P. Qty.
9	1931 009 969	1/12
10	1931 009 970	1
11	1931 009 971	1

05

Protective glove, leather

Feldtmann® 0274

- Professional quality
- Backs of hands: Tricot cotton
- Soft leather
- Tricot sidewalls
- Good touch sensitivity

Material	Sheepskin
Interior finish	Cottontricot
EN standard	388
Category	II
Colour	Natural



Proof of Performance

EN 388:
2016



Size	Art. No.	P. Qty.
7	1931 009 982	1
8	1931 009 983	12
9	1931 009 984	12
10	1931 009 985	1

Split cowhide leather glove W-10

Robust work glove made from split leather

- The thumb and index finger are completely made of leather for special protection
- Backs of hands made from heavy cotton fabric
- Knuckle guards and fingertips made of split leather
- Rubberised cuff
- Cotton half-lining

Size	10
Material	Split cowhide leather
Interior finish	Palm lining
EN standard	388, 420
Category	II



Proof of Performance

EN 388:
2016



3 1 1 3 X

Art. No. 5350 000 110

P. Qty.: 12 / 120

Details/Application

Medium to heavy-duty work in general construction, metalworking, bodywork, transport industry, construction industry

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Notice

Only limited suitability for wet work

Full-grain cowhide glove W-20

Rugged work glove made from high-quality full-grain cowhide

- Particularly supple
- Good flexibility and grip
- Rubberised cuff
- Backs of hands and cuffs made from heavy cotton fabric
- Backs of hands elasticated for more safety
- Knuckle guards and fingertips made from full-grain cowhide
- Index finger made completely from full-grain cowhide
- Cotton half-lining



Material	Full-grain cowhide leather
Interior finish	Palm lining
EN standard	388, 420
Category	II
Colour	Natural

Size	Art. No.	P. Qty.
8	5350 000 008	12
9	5350 000 009	12
10	5350 000 010	12
11	5350 000 011	12

Proof of Performance

EN 388:
2016



2 1 2 2 X

05

Details/Application

Medium to heavy-duty mechanical activities, metalworking, bodywork, transport industry, woodworking, repair, installation and maintenance work, construction industry



Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Notice

Only limited suitability for wet work

WELDING GLOVES



Welding glove W-100

Robust welding glove for universal use; made from full-grain cowhide

- Full-grain cowhide palms
- Split leather backs and cuffs
- Very rugged and hard-wearing
- Repellent to oil, grease and water



Size	10
Length	350 mm
Material	Full-grain cowhide leather
Interior finish	Without lining
EN standard	388, 420, 12477A
Category	II

Art. No. 5350 050 010

P. Qty.: 1

Proof of Performance

**EN 388:
2016**



2 1 3 2 X

**EN 12477 Type A
EN 407:2004**



4 1 3 X 4 X

Details/Application

For universal use during welding, deburring and general work

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Welding glove W-110

High-quality, fully lined welding glove for all welding tasks with increased heat development

- Fully lined, including cuffs
- Heat-insulating Molton lining
- Full-grain cowhide palms
- Split leather backs and cuffs
- Leather surface protects against welding beads and sparks
- Repellent to oil, grease and water
- Long service life



Proof of Performance

**EN 388:
2016**



2 1 3 2 X

**EN 12477 Type A
EN 407:2004**



4 1 3 X 4 X

Length	350 mm
Material	Full-grain cowhide leather
Interior finish	Complete lining
EN standard	388, 420, 12477A
Category	II

Size	Art. No.	P. Qty.
8	5350 050 108	1
9	5350 050 109	1
10	5350 050 110	1
11	5350 050 111	1

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Welding glove W-120

Split leather standard glove with porous surface

Size	10
Length	350 mm
Material	Split cowhide leather
Interior finish	Without lining
EN standard	388, 420, 12477A
Category	II



Art. No. 5350 050 210

P. Qty.: 1

Details/Application

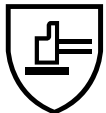
For light welding, cutting, grinding, deburring and other rough tasks.

Notice

Gloves should not be used at oily and greasy work stations.

Proof of Performance

EN 388:
2016



3 1 3 2 X

EN 12477 Type A
EN 407:2004



4 1 3 X 4 X

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Welding glove W-130

Touch-sensitive welding gloves for work with excellent touch feel

- Excellent touch sensitivity
- Palms and backs of hands made from supple nappa leather
- Split leather cuffs
- Lined cuffs
- Repellent to oil, grease and water



Proof of Performance

EN 388:
2016



2 1 1 1 X

EN 12477 Type B
EN 407:2004



4 1 2 X 4 X

Material	Nappa leather
Interior finish	Without lining
EN standard	388, 420, 12477B
Category	II

Size	Length	Art. No.	P. Qty.
8	30 cm	5350 050 308	1
9	31 cm	5350 050 309	1
10	32 cm	5350 050 310	1
11	33 cm	5350 050 311	1

Details/Application

Suitable for light work during welding, with great touch sensitivity.

Related products	Art. No.
Glove holder with snap hooks	0899 899 023

Welding glove

Tegera 126A

Glove for welding and heat protection, unlined

- Reinforced index finger, reinforced seams
- Resistant to contact heat up to 100°C, cuff 180°C, Kevlar® thread in the seams for short-term resistance up to 427°C heat and up to 204°C over an extended period of time
- Prevents/protects against wear, burns, flesh wounds, blisters, abrasions, injuries caused by heat, contact with dirt



Material	Goatskin
Material thickness	0.75 mm
EN standard	388, 407
Category	II
Colour	White, Yellow

Proof of Performance

EN 388:
2016



2 1 1 1 X

05

Size	Art. No.	P. Qty.
7	1931 009 795	1
8	1931 009 796	1
9	1931 009 797	1/10
10	1931 009 798	1
11	1931 009 799	12

Details/Application

- Metalworking
- Workshop work
- Working with hot objects
- Mining work
- Assembly work
- Welding work
- Precision work

Welding glove

Hase Mühlheim 301000

- Strong breathable leather, fully lined
- Good wearing comfort
- Good service life
- Long cuff protects against welding beads
- Heat-resistant
- Good grip
- Good thermal properties

Size	10
Length	340 mm
Material	Split cowhide leather
Interior finish	Complete lining
EN standard	388
Category	II
Colour	Red



Proof of Performance



Art. No. 1931 028 002

P. Qty.: 1

Details/Application

- Construction/road building
- Electrical industry
- Vehicle/aircraft construction
- Foundry technology
- Crafts
- Mechanical engineering
- Metalworking industry

GLOVE ACCESSORIES



Glove holder with snap hooks

05

For easy fastening to work and protective clothing

- Very secure hold due to serrated grips
- Easy to use

**Art. No. 0899 899 023**

P. Qty.: 3

Details/Application





OCCUPATIONAL SAFETY

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OUR SERVICE FOR YOU!

**Optimal safety with the breathing
protection plan of Würth.**
See page 23 for further information.

BREATHING PROTECTION

BREATHING SAFELY

Why is breathing protection needed?

Employees are the most valuable asset of every company. For this reason, the preservation of health is of fundamental importance. In our working environment, visible and invisible dangers are permanently lurking in the air which can gradually lead to permanent diseases. Suitable breathing protection solutions are therefore necessary to consistently protect our breathing as one of the central vital functions of our body. The basis for selecting the right breathing protection is the risk assessment. Different filter classes, filter types or mask types have to be chosen depending on the respective concentration and form of the hazardous substance that occur. The concentration of the hazardous substance is determined by the occupational exposure limit (OEL).

What is the occupational exposure limit (OEL)?

The occupational exposure limit is a time-weighted average concentration of a substance in the air at the workplace at which no acute or chronic injury of the employees is to be expected without wearing breathing protection. It is specified in mg/m^3 and ml/m^3 (ppm). In Germany, these limits are published in the TRGS 900 (Technical Rules for Hazardous Substances). The application limits of the breathing mask are specified as a multiple of the limit value.

How long can you use breathing masks?

Basically, no general statement can be made regarding the service life of breathing masks. Disposable masks may generally only be worn for a maximum of one working shift (eight hours). If the breathing resistance increases earlier, the mask must be exchanged earlier. Filters for reusable masks may be used for several working shifts. Regardless the filter type, the following applies: As soon as breathing resistance increases or a taste or smell of gas is perceived, the filter must be exchanged. The same applies as soon as the shelf life of the filter is exceeded.

How can I find the right filter class?

The right filter class consists of the hazardous substance and its concentration. If the hazardous substance is in solid or liquid form, the filter classes FFP1 to FFP3 (disposable masks) or P1 to P3 (half face and full face masks) should be used. The higher the filter class, the higher the filter performance. However, when working in an area where gases or vapours are present, a gas filter with the appropriate filter class (A, B, E, K or Hg) is absolutely necessary. The numbers 1-3 are used to specify the absorption capacity. If there are particulate or gaseous hazardous substances simultaneously, combination filters must be used.

COLOUR CODING SYSTEM

Our colour coding system makes it easier to find the right breathing protection for daily business activities and ensures that the required filter class is used. The colour of the headgear shows the class of the breathing mask and provides extra safety. Furthermore, the colour coding system ensures that the mandatory wearing of breathing masks can be monitored.

06

Classification of the filter classes

The selection of suitable breathing protection is based on the risk assessment. The particle filters are divided into three classes:



FFP1

FFP2

FFP3

Important:

- Against radioactive substances and airborne biological agents, particle filters may only be used once.
- Particle filters do not protect against vapours and gases!

Filter class	Application	Application limit
FFP1	against non-toxic and non-fibrogenic particles, dusts and aerosols	maximum up to 4 times the limit value
FFP2	against harmful or less toxic particles, dusts, solid and liquid aerosols, mist and smoke	maximum up to 10 times the limit value
FFP3	against harmful/toxic dusts , mist, smoke, solid and liquid aerosols as well as carcinogenic substances, radioactive substances, enzymes and microorganisms (viruses, bacteria, fungi)	maximum up to 30 times the limit value

APPLICATION OVERVIEW

The specified filter classes are minimum requirements and serve as orientation. It is the responsibility of the user to check before use that the breathing mask meets the requirements regarding hazardous substances and concentration.

Activity	Pollutants	Filter class		
		FFP1	FFP2	FFP3
Woodworking				
Grinding and cutting of softwood	Fine particles, wood dust		X	
Grinding and cutting of hardwood (e.g. beech, oak) and tropical wood	Fine particles, wood dust			X
Water-soluble wood coatings containing copper/chromium/arsenic	Fine paint mist			X
Grinding/brushing off paint	Fine paint particles		X	
Grinding/brushing off paint (coatings containing chromium)	Fine paint particles			X
Construction and construction-related industry				
Cement processing	Fine particles, cement dust		X	
Cutting and drilling of masonry, concrete, stone	Concrete dust	X		
Demolition work	Dust		X	
Plastering	Fine plaster dust		X	
Roof insulation, processing of glass and mineral fibres	Dust and fibres		X	
Roofing, tiling	Roof and tile dust		X	
Asbestos: Minor works	Fibres			X
Grinding of compounds/fillers	Dust		X	
Mining	Dust		X	
Welding work				
Structural steel/zinc	Metal and zinc smoke			X
Aluminium	Aluminium oxide smoke			X
Stainless steel	Metal oxide smoke			X
Manual arc welding	Smoke			X
Laser welding	Smoke			X
Hard soldering	Smoke			X
Metal work				
Drilling/sawing	Metal dust		X	
Grinding	Metal dust		X	
Disposal/Cleaning work				
Waste disposal	Dust, fungi, spores		X	
Waste sorting	Bacteria, fungi, spores		X	
Disposal of medical waste	Bacteria, viruses			X
Sweeping floors	Dust (non-toxic)	X		
Radioactively contaminated dusts	Dust			X
Agriculture				
Animal diseases/killing or disposal of sick animals	Bacteria, viruses			X
Dealing with mould spores	Spores			X
Activities subject to dust: dealing with hay, cereals/emptying silos	Dust		X	
Medicine/health care/physical health				
Allergies, pollen, flour dust, house dust, animal hair	Dust, particles, spores		X	
Protection against bacteria, viruses, infections, legionella bacteria	Bacteria, viruses			X
Hospitals, medical emergency service, rescue workers	Bacteria, viruses			X

DISPOSABLE MASKS



Cup-shaped mask CM 3000 FFP1 NR D

Complete protection and comfortable to wear thanks to special, soft filter materials

Low breathing resistance

Optimum fit and seal thanks to

- Pre-moulded design
- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP1 NR D
Version	No valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 500

P. Qty.: 20

Details/Application

Protects against non-toxic and non-fibrogenic particles, dust and aerosols up to four times the limit value, e.g. when working in an environment with cement dust, flour dust or when demolishing masonry, stone or concrete.



Cup-shaped mask CM 3000 V FFP1 NR D

Complete protection and comfortable to wear thanks to special, soft filter materials

Exhalation valve ensures a pleasant microclimate inside the mask

Low breathing resistance

Optimum fit and seal thanks to

- Pre-moulded design
- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP1 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 501

P. Qty.: 15

Details/Application

Protects against non-toxic and non-fibrogenic particles, dust and aerosols up to four times the limit value, e.g. when working in an environment with cement dust, flour dust or when demolishing masonry, stone or concrete.

06



Breathing mask 3M 8812 FFP1

With its traditional fit, it protects against fine dust and mist, while being lightweight and comfortable.

Comfortable and uncomplicated fitting is possible thanks to its pre-formed mask body. Thanks to its flexible nose bridge, the mask adapts optimally to the shape of the face. The 3M™ Cool Flow™ exhalation valve offers maximum breathing comfort: It allows heat from the breath and moisture to escape excellently. The low respiratory resistance is made possible by the innovative filter medium, which also provides safe protection.

Using the yellow bands, you can directly recognise your protection level FFP1 NR D. Usage limit is the 4-fold limit for particles. The mask is compatible with 3M™ safety goggles.



Filter class	FFP1
EN standard	149

Art. No. 1931 053 261

P. Qty.: 10

Details/Application

Protection against fine dust and mist

- Construction
- Shipbuilding and repair
- Pharmaceuticals
- Rubber/plastic
- Mechanical engineering
- Iron and steel foundry
- Pesticides
- Ceramic
- Gardening
- Laboratory
- Agriculture
- Base metal production
- Fine chemicals

Breathing mask Moldex 2365 FFP1

Robust and proven FFP mask

- DuraMesh®: Robust mask mesh keeps the mask in shape
- ActivForm®: No nosepiece needed
- All-round strap makes putting on, adjusting and taking off easy

Filter class	FFP1
EN standard	149



Details/Application

Protection against dust, aerosols and smoke

Art. No. 1931 053 263

P. Qty.: 20

Folding mask FM 3000 FFP1 NR D

In a practical design that folds completely flat

Hygienic individual packaging

Complete protection and comfortable to wear thanks to special, soft filter materials

Minimal breathing resistance

Perfect, sealed fit thanks to:

- Nose clip for optimised fitting
- Half sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety goggles for optimum protection



Filter class	FFP1 NR D
Version	No valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 520

P. Qty.: 20

Details/Application

Protects against non-toxic and non-fibrogenic particles, dust and aerosols up to four times the limit value, e.g. when working in an environment with cement dust, flour dust or when demolishing masonry, stone or concrete.

06



Folding mask FM 3000 V FFP1 NR D

In a practical design that folds completely flat

Hygienic individual packaging

Exhalation valve ensures the user feels comfortable wearing the mask

Complete protection and comfortable to wear thanks to special, soft filter materials

Minimal breathing resistance

Perfect, sealed fit thanks to:

- Nose clip for optimised fitting
- Half sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety goggles for optimum protection



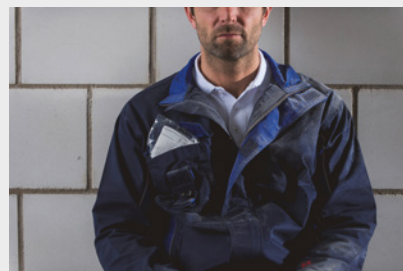
Filter class	FFP1 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 521

P. Qty.: 15

Details/Application

Protects against non-toxic and non-fibrogenic particles, dust and aerosols up to four times the limit value, e.g. when working in an environment with cement dust, flour dust or when demolishing masonry, stone or concrete.



Cup-shaped mask CM 3000 FFP2 NR D

Complete protection and comfortable to wear thanks to special, soft filter materials

Low breathing resistance

Optimum fit and seal thanks to

- Pre-moulded design
- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP2 NR D
Version	No valve
EN standard	149:2001 + A1:2009

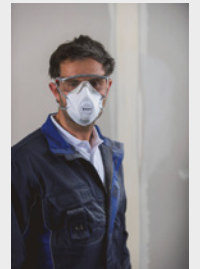
Art. No. 0899 110 502

P. Qty.: 20

Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, and when performing activities that involve large amounts of dust in the construction industry and in agriculture.

06



Cup-shaped mask CM 3000 V FFP2 NR D

Complete protection and comfortable to wear thanks to special, soft filter materials

Exhalation valve ensures a pleasant microclimate inside the mask

Low breathing resistance

Optimum fit and seal thanks to

- Pre-moulded design
- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP2 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 503

P. Qty.: 15

06 Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, and when performing activities that involve large amounts of dust in the construction industry and in agriculture.



Breathing mask 3M 8822 FFP2 with valve 3M® FFP2 8822

Traditional fit in proven quality

- With patented 3M Cool Flow valve to improve wearing comfort
- Breathing mask offers protection against solid fine particles
- Innovative filter medium for increased protection with minimal breathing resistance
- Pre-cast mask body for putting on quickly
- Suitable for wearers with glasses
- Hygienic individual packaging

Filter class	FFP2
EN standard	149:2001 + A1:2009

Art. No. 1931 008 105

P. Qty.: 10



Breathing mask Moldex 2405 FFP2

Robust and proven FFP mask

- DuraMesh®: Robust mask mesh keeps the mask in shape
- ActivForm®: No nosepiece needed
- All-round strap makes putting on, adjusting and taking off easy

Filter class	FFP2
EN standard	149

Art. No. 1931 053 264

P. Qty.: 20



Details/Application

Protection against dust, aerosols and smoke

Folding mask FM 3000 FFP2 NR D

In a practical design that folds completely flat

Hygienic individual packaging

Ideal protection and comfortable thanks to special soft filter materials

Low breathing resistance

Optimum fit and seal thanks to

- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP2 NR D
Version	No valve
EN standard	149:2001 + A1:2009

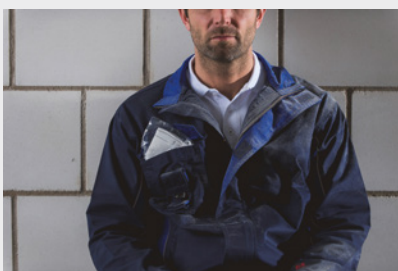
Art. No. 0899 110 522

P. Qty.: 20

06

Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, and when performing activities that involve large amounts of dust in the construction industry and in agriculture.



Folding mask FM 3000 V FFP2 NR D

In a practical design that folds completely flat

Hygienic individual packaging

Exhalation valve ensures the user feels comfortable wearing the mask

Complete protection and comfortable to wear thanks to special, soft filter materials

Minimal breathing resistance

Perfect, sealed fit thanks to:

- Nose clip for optimised fitting
- Half sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety goggles for optimum protection



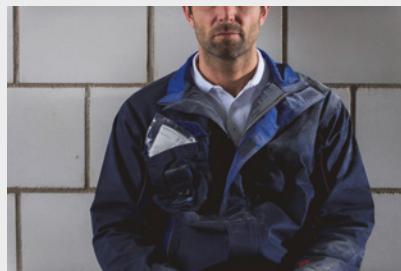
Filter class	FFP2 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 523

P. Qty.: 15

Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, and when performing activities that involve large amounts of dust in the construction industry and in agriculture.



Breathing mask 3M 9322+Gen3 FFP2 3M® 9322 SV FFP2

Flat foldable disposable breathing mask, which provides reliable and effective protection against a low volume of fine dust and mist

- The mask with 3-piece design is ideally suited to different face shapes and facial movements and thereby increases daily comfort considerably.
- The sealing points on the top side of the mask prevent glasses from steaming up.
- The 3M™ Cool Flow exhalation valve makes working in humid and warm environments more comfortable, since heat from breath can effectively escape.
- The individual packaging protects the breathing mask from contamination.



Filter class	FFP2
EN standard	149:2001 + A1:2009

Art. No. 1931 058 083

P. Qty.: 10

Breathing mask Uvex 5210 FFP2

FFP2 premium folding mask in convenient individual packaging

- Marked for use with high dust loads (D)
- Exhalation valve to reduce exhalation resistance and reduce heat and moisture under the mask
- Integrated, flexibly adjustable nose clip
- Sealing lip in nose area for high comfort and reliable seated seal
- Soft material edges for more wearing comfort
- Easy handling with high wear comfort thanks to adjustable headband

Filter class	FFP2
EN standard	149



Art. No. 1931 053 266

P. Qty.: 15

Breathing mask Asatex FFP2 SMP2S

Fine-dust mask

- With exhalation valve
- 3-piece mask design for enhanced comfort
- Folded
- Individually hygienically packaged

Filter class	FFP2
EN standard	149



Art. No. 1931 053 268

P. Qty.: 200

Cup-shaped mask CM 3000, carbon V FFP2 NR D

With active carbon to remove unpleasant odours and for use when welding under the occupational exposure limit

Exhalation valve ensures a pleasant microclimate inside the mask

Ideal protection and comfortable thanks to special soft filter materials

Low breathing resistance

Optimum fit and seal thanks to

- Pre-moulded design
- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP2 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 504

P. Qty.: 15

Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, when performing activities that involve large amounts of dust in the construction industry and in agriculture, when sorting waste and performing disposal and welding operations.



Folding mask FM 3000, carbon V FFP2 NR D

With active carbon to remove unpleasant odours and for use when welding under the occupational exposure limit

Practical design that folds completely flat

Hygienic individual packaging

Exhalation valve ensures a pleasant microclimate inside the mask

Ideal protection and comfortable thanks to special soft filter materials

Low breathing resistance

Optimum fit and seal thanks to

- Nosepiece for a better grip
- Half-height sealing lip in the nose area

Looped-through cotton head strap

Use together with Würth safety glasses for optimum protection



Filter class	FFP2 NR D
Version	With valve
EN standard	149:2001 + A1:2009

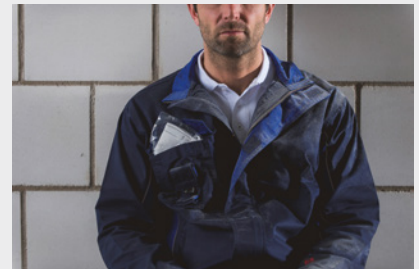
Art. No. 0899 110 524

P. Qty.: 10

06

Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, when performing activities that involve large amounts of dust in the construction industry and in agriculture, when sorting waste and performing disposal and welding operations.



Comfort mask CM 3000 Pro V FFP2 NR D

Optimum protection with maximum comfort

- Two extra filters ensure a longer service life and minimal breathing resistance
- Mask is more pleasant to wear thanks to an exhalation valve and two additional inhalation valves (heat and moisture)
- 3D nose area ensures an optimum fit. Mask can also be used with Würth safety glasses and provides a clear field of vision
- Head strap length can be adjusted in a flexible manner
- Sealing lip all round for optimum seal



Filter class	FFP2 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 510

P. Qty.: 5

Details/Application

Protects against up to ten times the limit value of particles, dust, solid and liquid aerosols, mist and smoke that are hazardous or have a low level of toxicity, e.g. when grinding, cutting and machining softwood, processing glass and mineral fibres, and when performing activities that involve large amounts of dust in the construction industry and in agriculture.



Cup-shaped mask CM 3000 V FFP3 NR D

Complete protection and comfortable to wear thanks to special, soft filter materials

Exhalation valve ensures the user feels comfortable wearing the mask

Minimal breathing resistance

Perfect, sealed fit

- Preformed design
- Nose clip for optimised fitting
- Sealing lip around the circumference
- Adjustable head strap

Use together with Würth safety goggles for optimum protection

Filter class	FFP3 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 505

P. Qty.: 5



Details/Application

Protects against hazardous/poisonous particles, dust, solid and liquid aerosols, mist and smoke, as well as carcinogenic and radioactive substances, enzymes and microorganisms (viruses, bacteria, fungi) up to 30 times the limit value, e.g. when grinding and processing beech, oak and tropical wood, when working with asbestos, when welding, when handling bacteria, viruses, mould, spores and radioactive particles.



Half face mask 3M 8835+ FFP3

Thanks to its soft foam sealing lip and good fit, the breathing mask offers exceptional comfort. The padded nosepieces ensure optimal adaptation to the shape of the face.

Individual adjustment enables the adjustable, especially wide strap design. The large surface of the mask body ensures maximum filter performance while also minimising heat build-up inside the mask. In particular, the 3M™ Cool Flow™ exhalation valve prevents heat build-up in the mask and facilitates breathing. The colour-coded valve labelling simplifies recognition of protection level FFP3 R D. Usage limit is 30 times the limit for particles and it may be used for more than one shift. It is compatible with 3M™ safety goggles.



EN standard	149
Filter class	FFP3

Art. No. 1931 053 262

P. Qty.: 50

Details/Application

- Construction
- Shipbuilding and repair
- Manufacture of pharmaceutical products
- Welding and soldering
- Chemical processing
- Iron and steel foundry
- Battery production

Breathing mask Moldex 2505 FFP3 No. D

- FFP mask shaped to fit around the nose comfortably
- DuraMesh®: strong mesh keeps the mask in shape
- ActivForm®: no nosepiece needed
- All-round strap makes putting on, adjusting and taking off easy
- Tested and approved to meet EN 149:2001+A1:2009



Filter class	FFP3 NR D
EN standard	149

Art. No. 1931 010 848

P. Qty.: 10

Breathing mask Asatex FFP3 FMP3V

Fine-dust mask

- With exhalation valve
- Shell shape
- Adjustable rubber straps
- All-round sealing lip

Filter class	FFP3 with valve
Version	With valve
EN standard	149



Art. No. 1931 058 191

P. Qty.: 5

Folding mask FM 3000 V FFP3 NR D

In a practical design that folds completely flat

Hygienic individual packaging

Exhalation valve ensures the user feels comfortable wearing the mask

Complete protection and comfortable to wear thanks to special, soft filter materials

Minimal breathing resistance

Perfect, sealed fit thanks to:

- Nose clip for optimised fitting
- Sealing lip around the circumference
- Head strap length can be adjusted

Use together with Würth safety goggles for optimum protection

Filter class	FFP3 NR D
Version	With valve
EN standard	149:2001 + A1:2009

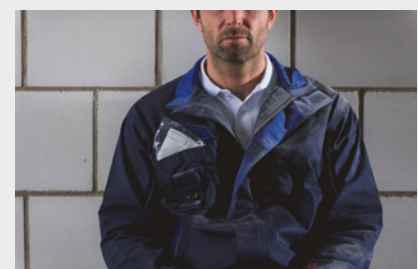


Art. No. 0899 110 525

P. Qty.: 10

Details/Application

Protects against hazardous/poisonous particles, dust, solid and liquid aerosols, mist and smoke, as well as carcinogenic and radioactive substances, enzymes and microorganisms (viruses, bacteria, fungi) up to 30 times the limit value, e.g. when grinding and processing beech, oak and tropical wood, when working with asbestos, when welding, when handling bacteria, viruses, mould, spores and radioactive particles.



Breathing mask 3M® Aura 9332+Gen3 FFP3

- 3-piece design ensures more comfort and allows the wearer to speak freely
- Folds flat for convenient carrying
- Soft fleece interior provides for a high level of comfort
- Integrated nose bridge with sweat-absorbing padding, perfect for wearing over glasses
- 3M® Advanced Electret filter medium for greater protection and low breathing resistance
- 3M® Cool Flow exhalation valve for maximum breathing comfort
- Colour-coded straps for fast recognition of the protection level
- Hygienic individual packaging protects the mask from contamination
- Compatibility with 3M® safety goggles



Filter class	FFP3
EN standard	149:2001 + A1:2009

Art. No. 1931 058 081

P. Qty.: 10

Details/Application

- Pharmacy
- Laboratory
- Chemicals
- For extended wear

Breathing mask Uvex 5310 FFP3

Premium folding mask in convenient individual packaging

- Marked for use with high dust loads (D)
- Exhalation valve to reduce exhalation resistance and reduce heat and moisture under the mask
- Integrated, flexibly adjustable nose clip
- Sealing lip in nose area for high comfort and reliable seated seal
- Soft material edges make for a more comfortable fit
- Easy handling with high wear comfort thanks to adjustable headband



Filter class	FFP3
EN standard	149

Art. No. 1931 053 267

P. Qty.: 15

Breathing mask Asatex FFP3 SMP3S

Fine-dust mask

- With exhalation valve
- 3-piece mask design for enhanced comfort
- Folded
- Individually hygienically packaged



Filter class	FFP3
EN standard	149

Art. No. 1931 053 269

P. Qty.: 200

Comfort mask CM 3000 Pro V FFP3 NR D

Optimum protection with maximum comfort

- Two extra filters ensure a longer service life and minimal breathing resistance
- Mask is more pleasant to wear thanks to an exhalation valve and two additional inhalation valves (heat and moisture)
- 3D nose area ensures an optimum fit. Mask can also be used with Würth safety glasses and provides a clear field of vision
- Head strap length can be adjusted in a flexible manner
- Sealing lip all round for optimum seal



Filter class	FFP3 NR D
Version	With valve
EN standard	149:2001 + A1:2009

Art. No. 0899 110 511

P. Qty.: 5

Details/Application

Protects against hazardous/poisonous particles, dust, solid and liquid aerosols, mist and smoke, as well as carcinogenic and radioactive substances, enzymes and microorganisms (viruses, bacteria, fungi) up to 30 times the limit value, e.g. when grinding and processing beech, oak and tropical wood, when working with asbestos, when welding, when handling bacteria, viruses, mould, spores and radioactive particles.



HALF FACE MASKS



3M half face masks 4000 series Plus

Full face mask providing effective and comfortable protection.

Particle filter with long shelf life

Dolomite dust test (D)

Low breathing resistance and unrestricted field of vision

Integrated filter elements

Enhanced shelf life

Additional use of particle pre-filter.



06

EN standard	405
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Filter class	Type designation	Art. No.	P. Qty.
FFA 1 P2 D	4251+	1931 008 106	1
FFA2 P3 R D	4255+	1931 008 023	1

Details/Application

For protection against organic gases/vapours and particles

Half face mask HM 175

Custom-fit breathing protection for maximum comfort

Easy use of various filters

Double bayonet mount

Simplified attachment and removal

Practical quick-action closure that additionally protects the inside of the mask against contamination when not wearing

Low breathing resistance

Large exhalation valve

Extra tight fit

Flexible nose area

Excellent field of vision

Flat design

Barely noticeable even with a helmet

Very comfortable head harness thanks to supple material



Art. No. 0899 175 000

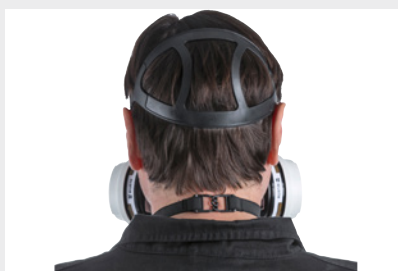
P. Qty.: 1

Notice

Filter not included in the scope of delivery.

Details/Application

Chemical and paint processing industry, waste disposal and decontamination companies, wood processing as well as floor installers, plastics processing industry, automotive and other workshops (with the appropriate filters in each case).



Related products

Gas filter A2

Combination filter A2P3 RD

Gas filter ABEK1

Combination filter ABEK1HgP3 RD

Particle pre-filter pad P2 R

Pre-filter holder

Particulate filter P3 R

Painter's set

Art. No.

0899 175 010

0899 175 011

0899 175 012

0899 175 013

0899 175 014

0899 175 015

0899 175 016

0899 175 020

Painter's set

4 pieces Ready-for-use breathing protection set for painting and decorating work.

- Practical quick-action closure allows you to protect the inside of the mask from dirt when not wearing
- Filter against gases, vapours, fine dust and particles that occur during painting
- Can be used flexibly on construction sites, during renovation work and in the paint booth



Number of pieces in assortment/set	3 PCS
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Art. No. 0899 175 020

P. Qty.: 1

Details/Application



06

Contents for Art. No. 0899 175 020

Designation	Art. No.	Quantity
Half face mask HM 175	0899 175 000	1
Combination filter A2P3 RD	0899 175 011	2

Related products for

Designation	Art. No.
Gas filter A2	0899 175 010
Gas filter ABEK1	0899 175 012
Combination filter ABEK1HgP3 RD	0899 175 013
Particle pre-filter pad P2 R	0899 175 014
Pre-filter holder	0899 175 015
Particulate filter P3 R	0899 175 016

0899 175 020

Half face mask Moldex 5120 FFA1P2

Protection against gas, steam and dust

- Ultra-compact half face mask
- Maintenance-free and ready to use
- Large field of view, maximum freedom of movement
- Very light, high level of wear comfort
- FlexFit: automatically adapts to the shape of the face
- Folding filter technology: low breathing resistance, long shelf life

EN standard	405
Filter class	FFA 1 P2 R D


Art. No. 1931 053 270

P. Qty.: 1

Half face mask Moldex FFA2P3RD 5230

Ultra-compact half face mask

- Maintenance-free and ready to use
- Large field of view, maximum freedom of movement
- Very light, high level of wear comfort
- FlexFit: automatically adapts to the shape of the face
- Folding filter technology: low breathing resistance, long shelf life
- Tested and approved according to EN 405:2001

EN standard	405
Filter class	FFA 2 P3 R D


Art. No. 1931 010 216

P. Qty.: 1

Half face mask 6000 series Plus 3M

Low-maintenance, easy to use and comfortable to wear.

Quick and easy replacement of filters

Bayonet click connection

Effortless work

Extremely light mask body

Unobstructed view

Compact design

Reduced breathing resistance and good weight distribution

Double filter system



EN standard	140
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Size	Art. No.	P. Qty.
S	1931 053 271	1
M	1931 053 272	1
L	1931 053 273	1

Related products	Art. No.
Particulate filter 3M®5925 P2R	1931 007 830
3M 6059 gas and combination filter	1931 007 831
Filter cover 3M	1931 007 833
Visor protection film 3M 6885	1931 008 151
Gas and combined filter 3M 6051 A1	1931 008 450
Particulate filter 3M®2138 P3R	1931 019 812
Particulate filter 3M®2125 P2R	1931 019 813
Gas and combination filter 3M 6054 K1	1931 053 274
3M 6055 gas and combination filter	1931 053 275
3M 6055 gas and combination filter	1931 053 276
Gas and combination filter 3M 6057 ABE1	1931 053 277
Gas and combined filter, 3M 6075 A1 + formaldehyde	1931 053 278
Gas and combination filter 3M 6091 A1P3R	1931 053 279
Gas and combination filter 3M 6092 A1B1E1K1P3R	1931 053 280
Gas and combination filter 3M 6095 A2P3R	1931 053 281
Gas and combination filter 3M 6096 A1HGP3R	1931 053 282
Gas and combination filter 3M 6098 AXP3R	1931 053 283
Gas and combination filter 3M 6099 A2B2E2K2P3	1931 053 284
Particle insert filter 3M	1931 053 285
Particle insert filter 3M	1931 053 286
Particulate filter 3M®2128 P2R	1931 053 287
Particulate filter 3M®2135 P2R	1931 053 288
Seal for bayonet mount 6000 series 3M	1931 053 347
Inhalation valve 6000 series 3M	1931 053 348
Exhalation valve 6000 series 3M	1931 053 349
Central housing 6000 series 3M	1931 053 350
Head strap 6000 series 3M	1931 053 351
Visor 3M protective masks, 6000 series	1931 053 352
Glasses holder 3M 6878	1931 053 353
Neck strap 3M 7883	1931 053 354
Cleaning cloth 3M 105	1931 053 355
Gas and combination filter 3M 6051i	1931 053 543
Housing seal 6000 series 3M	1931 053 544

Half face mask Moldex 7000 series

- Mask body made from TPE (1931018501-1931018503): Soft and comfortable to wear. The perfect product for most applications in normal temperatures
- Mask body made from silicone (1931053291-1931053293): Remains soft and retains its shape even at extreme temperatures
- Easy to maintain and clean without tools
- With EasyLock® filter system – simple and intuitive to use
- No need for additional parts or adapters
- Straps can be fixed or adjustable (for hanging the mask around the neck when not in use)



EN standard	140
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Size	Material	Art. No.	P. Qty.
S	Thermoplastic elastomer	1931 018 501	1
M	Thermoplastic elastomer	1931 018 502	1
L	Thermoplastic elastomer	1931 018 503	1
S	Silicone	1931 053 291	1
M	Silicone	1931 053 292	1
L	Silicone	1931 053 293	1

Related products

Related products	Art. No.
Reusable half face mask accessories P3R 9030 Moldex	1931 018 504
Reusable half face mask accessories A2 9200 Moldex	1931 018 505
Particulate filter P1R 901001 Moldex	1931 053 294
Particulate filter P2R 902001 Moldex	1931 053 295
Particulate filter P2R 902201 Moldex	1931 053 296
Particulate filter P3R 903012 Moldex	1931 053 297
Particulate filter P3R 903201 Moldex	1931 053 298
Gas filter A1 910001 Moldex	1931 053 299
Gas filter ABE1 930001 Moldex	1931 053 301
Gas filter ABEK1 940001 Moldex	1931 053 302
Gas filter A2B2E1 950001 Moldex	1931 053 303
Gas filter AX 960001 Moldex	1931 053 304
Gas filter A2B2E2K2 980001 Moldex	1931 053 305
Combination filter A1P2R 912001 Moldex	1931 053 306
Combination filter A2P2R 912012 Moldex	1931 053 307
Combination filter A2P3R 923001 Moldex	1931 053 308
Combination filter A2P3R 923012 Moldex	1931 053 309
Combination filter ABEK1P3R 943001 Moldex	1931 053 310
Combination filter ABEK1P3R 943012 Moldex	1931 053 311
Combination filter ABEK1HGP3RD 973001 Moldex	1931 053 312
Moldex spare parts kit 7972	1931 053 313
Moldex storage bag 9994	1931 053 314
Moldex storage box 7995	1931 053 315

Half face mask Sundström SR 100

- Mask is fitted with two exhalation valves with extremely low breathing resistance.
- Valve caps with covers protect the exhalation membrane against dust and paint particles.
- The mask body material and colour pigments are approved for foodstuffs (FDA and BGA).
- Easily adjustable straps provide a V-loop and have a large bowl-shaped top plate, which allows convenient and secure adjustment.
- The mask is used either as filter protection in combination with filters from the Sundström assortment or converted to a breathing apparatus with a continuous airflow for compressed air connection in conjunction with compressed air attachment SR 307.
- Pre-filter, pre-filter holder, cleaning cloth, ID label and storage bag are included.



EN standard	140
Material	Silicone

Size	Art. No.	P. Qty.
S/M	1931 053 316	1
M/L	1931 053 317	1
L/XL	1931 053 318	1

Related products	Art. No.
Sundström pre-filter SR221	1931 023 511
Sundström storage bag SR 339	1931 053 319
Sundström protective cover SR 64	1931 053 320
Sundström protective cover SR 346	1931 053 321
Sundström protective cover SR 345	1931 053 322
Sundström storage box SR 230	1931 053 323
Sundström test adapter SR 328	1931 053 324
Sundström Smalltalk SR 324	1931 053 325
Sundström pre-filter holder R01-0605	1931 053 326
Sundström storage bag R01-0607	1931 053 327
Sundström single headband R01-2001	1931 053 328
Sundström double headband R01-2002	1931 053 329
Sundström membrane set R01-2004	1931 053 330
Sundström service set R01-2005	1931 053 331
Sundström labelling system R09-0101	1931 053 332
Sundström gas filter SR 217	1931 053 333
Sundström gas filter SR 218	1931 053 334
Sundström gas filter SR 297	1931 053 335
Sundström gas filter SR 316	1931 053 336
Sundström gas filter SR 295	1931 053 337
Sundström gas filter SR 298	1931 053 338
Sundström gas filter SR 315	1931 053 339
Sundström gas filter SR 294	1931 053 340
Sundström gas filter SR 299	1931 053 341
Sundström particle filter SR 510	1931 053 343

FULL FACE MASKS



Full mask VM 175

Custom-fit breathing protection for the most demanding applications as well as a clear view

Easy use of various filters

Double bayonet mount

Quick and easy to attach and remove

5-point headband

Mist-free view

Intelligent ventilation system with separate inner mask

Large field of vision

180° polycarbonate lens

Protects almost all face shapes safely and comfortably

Double sealing frame and triple sealing line



EN standard	136
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Art. No. 0899 175 100

P. Qty.: 1

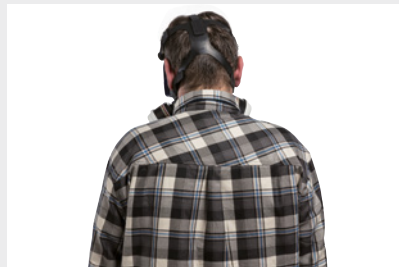
Notice

Filter not included in the scope of delivery.

Related products	Art. No.
Gas filter A2	0899 175 010
Combination filter A2P3 RD	0899 175 011
Gas filter ABEK1	0899 175 012
Combination filter ABEK1HgP3 RD	0899 175 013
Particle pre-filter pad P2 R	0899 175 014
Pre-filter holder	0899 175 015
Particulate filter P3 R	0899 175 016
Combination filter ABEK2HgP3 RD	0899 175 101
Visor protective film for full face mask VM 142 and VM 175	0899 142 001
Carry case	0899 142 020

Details/Application

All areas of industry, energy management, disposal companies and skilled trades. Wherever vapours, solvents and gases occur and effective breathing and face protection is required.



06

BREATHING PROTECTION PLAN



Why is breathing protection so important?

- Irreversible damages
- Protection against dust, gases, aerosols, smoke, etc.
- Damages develop unnoticed over long periods

Attention should be paid to the following!

- Selection of the right masks and filter classes
- Right choice depending on the particular field of application
- Service and operating life of a mask
- Monitoring of the mandatory wearing of a mask

The colour of the headgear indicates the class of the breathing mask (colour coding system).

Carry case

For storage and constant availability of full face mask and filter.

Details/Application



Art. No. 0899 142 020

P. Qty.: 1

Visor protective film for full face mask VM 142 and VM 175

06

To protect the visor during painting work

Details/Application



Art. No. 0899 142 001

P. Qty.: 25

Full face mask 6000 series 3M

Low maintenance, bayonet connection in accordance with EN 143 on both sides, polycarbonate visor scratch and chemical resistant

Quick and easy replacement of filter

Bayonet click connection

Effortless work

Light mask body for high comfort

Unobstructed view

Compact design

Reduced breathing resistance and good weight distribution

Double filter system



EN standard	136
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Size	Art. No.	P. Qty.
S	1931 053 344	1
M	1931 053 345	1
L	1931 053 346	1

Details/Application

Applications in all areas of industry, energy management, disposal companies and skilled trades. Wherever vapours, solvents and gases occur and effective breathing and face protection is required.

06

Related products	Art. No.
Particulate filter 3M®5925 P2R	1931 007 830
3M 6059 gas and combination filter	1931 007 831
Filter cover 3M	1931 007 833
Visor protection film 3M 6885	1931 008 151
Gas and combined filter 3M 6051 A1	1931 008 450
Particulate filter 3M®2138 P3R	1931 019 812
Particulate filter 3M®2125 P2R	1931 019 813
Gas and combination filter 3M 6054 K1	1931 053 274
3M 6055 gas and combination filter	1931 053 275
3M 6055 gas and combination filter	1931 053 276
Gas and combination filter 3M 6057 ABE1	1931 053 277
Gas and combined filter, 3M 6075 A1 + formaldehyde	1931 053 278
Gas and combination filter 3M 6091 A1P3R	1931 053 279
Gas and combination filter 3M 6092 A1B1E1K1P3R	1931 053 280
Gas and combination filter 3M 6095 A2P3R	1931 053 281
Gas and combination filter 3M 6096 A1HGP3R	1931 053 282

Related products	Art. No.
Gas and combination filter 3M 6098 AXP3R	1931 053 283
Gas and combination filter 3M 6099 A2B2E2K2P3	1931 053 284
Particle insert filter 3M	1931 053 285
Particle insert filter 3M	1931 053 286
Particulate filter 3M®2128 P2R	1931 053 287
Particulate filter 3M®2135 P2R	1931 053 288
Seal for bayonet mount 6000 series 3M	1931 053 347
Inhalation valve 6000 series 3M	1931 053 348
Exhalation valve 6000 series 3M	1931 053 349
Central housing 6000 series 3M	1931 053 350
Head strap 6000 series 3M	1931 053 351
Visor 3M protective masks, 6000 series	1931 053 352
Glasses holder 3M 6878	1931 053 353
Neck strap 3M 7883	1931 053 354
Cleaning cloth 3M 105	1931 053 355
Gas and combination filter 3M 6051i	1931 053 543
Housing seal 6000 series 3M	1931 053 544

Full face mask Moldex 9000 series

- Extremely light full face mask, mask body weighs only 360 g
- Frameless panoramic viewing pane
- Meets the high requirements of Class 2
- Mask body made of soft, skin-compatible TPE material
- Easy to put on and take off
- Easy maintenance and cleaning without tools
- With EasyLock® filter system – simple and intuitive to use
(1931053356-1931053358)
- No additional parts and adapters required
- Also available with EN 148-1 connection (1931053360-1931053362)



EN standard	136
Size	M
Material	Thermoplastic elastomer
Type designation	Ready Pack ABEK1P3R

Art. No. 1931 053 359

P. Qty.: 1

Related products	Art. No.
Reusable half face mask accessories P3R 9030 Moldex	1931 018 504
Reusable half face mask accessories A2 9200 Moldex	1931 018 505
Particulate filter P1R 901001 Moldex	1931 053 294
Particulate filter P2R 902001 Moldex	1931 053 295
Particulate filter P2R 902201 Moldex	1931 053 296
Particulate filter P3R 903012 Moldex	1931 053 297
Particulate filter P3R 903201 Moldex	1931 053 298
Gas filter A1 910001 Moldex	1931 053 299
Gas filter ABE1 930001 Moldex	1931 053 301
Gas filter ABEK1 940001 Moldex	1931 053 302
Gas filter A2B2E1 950001 Moldex	1931 053 303
Gas filter AX 960001 Moldex	1931 053 304
Gas filter A2B2E2K2 980001 Moldex	1931 053 305

Related products	Art. No.
Combination filter A1P2R 912001 Moldex	1931 053 306
Combination filter A2P2R 912012 Moldex	1931 053 307
Combination filter A2P3R 923001 Moldex	1931 053 308
Combination filter A2P3R 923012 Moldex	1931 053 309
Combination filter ABEK1P3R 943001 Moldex	1931 053 310
Combination filter ABEK1P3R 943012 Moldex	1931 053 311
Combination filter ABEK1HGP3RD 973001 Moldex	1931 053 312
Moldex seal and valve set 9974	1931 053 363
Moldex seal and valve set 9975	1931 053 364
Moldex exhalation valve cover 9976	1931 053 365
Moldex inner mask 9991	1931 053 366
Moldex head strap 9992	1931 053 367
Moldex visor protection film 9993	1931 053 368
Moldex storage box for full face mask 9995	1931 053 370
Moldex glasses holder 9998	1931 053 371

Full face mask Sundström SR 200 PC

PC visor, FDA and BGA approved pigment and material.

- The mask is provided with three inhalation and two exhalation valves, so that extremely low breathing resistance is guaranteed.
- The valve flaps in the exhalation valves with shielding protect the valve and membrane against dust and paint particles.
- The easily adjustable straps are fastened to the visor frame and exhalation valves, which in conjunction with a large head net ensures a comfortable and secure fit.
- The spherical shaped visor offers a large field of view.
- The mask is used either as filter protection in conjunction with a filter or as a breathing apparatus with continuous air supply together with compressed air attachment SR 307.
- The mask is approved for use in explosive environments in conjunction with fan SR 500 EX.



EN standard	136
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Art. No. 1931 053 372

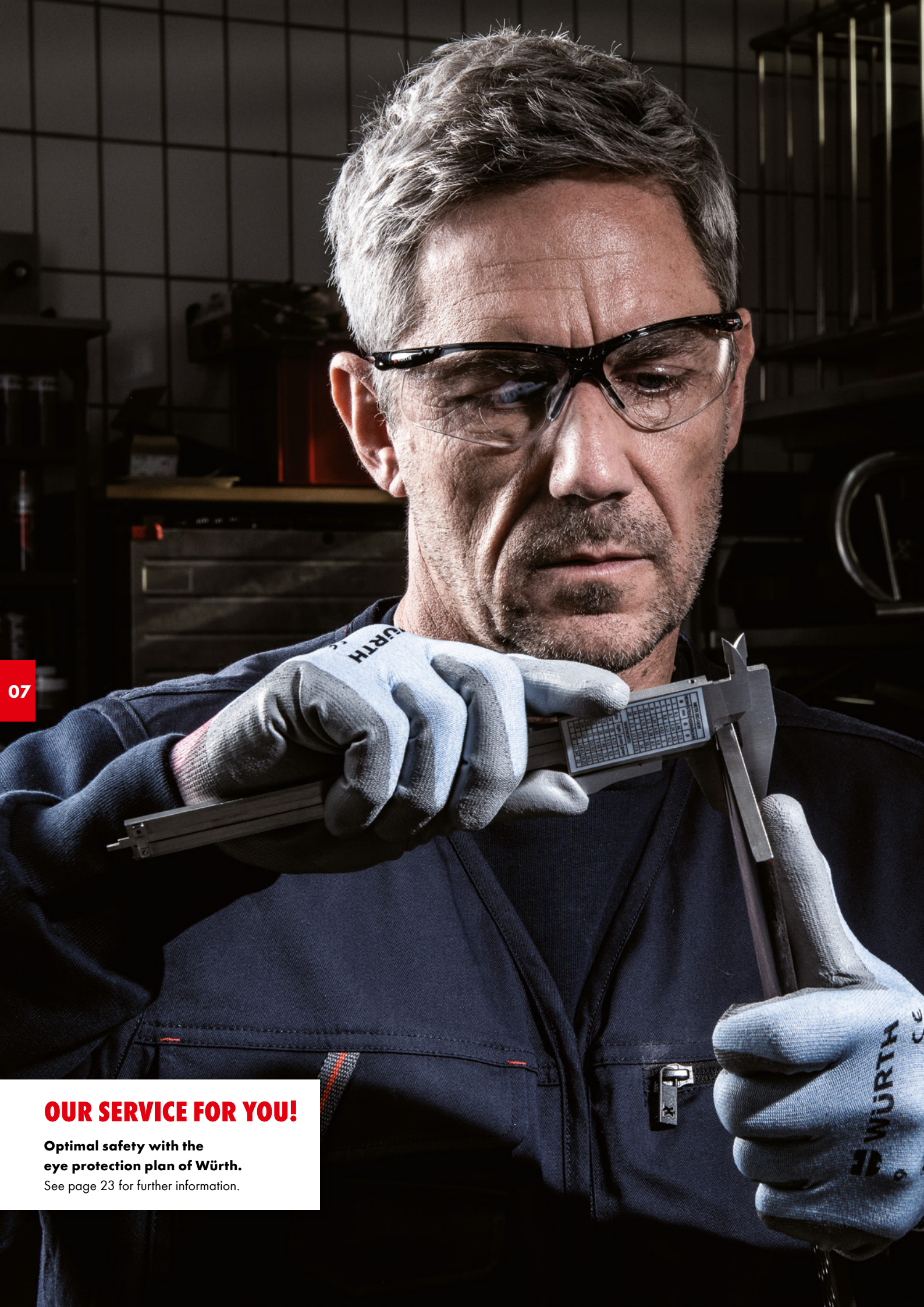
P. Qty.: 1

Related products	Art. No.
Sundström pre-filter SR221	1931 023 511
Sundström protective cover SR 64	1931 053 320
Sundström protective cover SR 345	1931 053 322
Sundström test adapter SR 328	1931 053 324
Sundström Smalltalk SR 324	1931 053 325
Sundström pre-filter holder R01-0605	1931 053 326
Sundström labelling system R09-0101	1931 053 332
Sundström gas filter SR 217	1931 053 333
Sundström gas filter SR 218	1931 053 334
Sundström gas filter SR 297	1931 053 335
Sundström gas filter SR 316	1931 053 336
Sundström gas filter SR 295	1931 053 337
Sundström gas filter SR 298	1931 053 338
Sundström gas filter SR 315	1931 053 339
Sundström gas filter SR 294	1931 053 340
Sundström gas filter SR 299	1931 053 341
Sundström particle filter SR 510	1931 053 343
Sundström storage bag 4.5l SR 339-1	1931 053 373
Sundström cleaning cloths SR 5226	1931 053 374
Sundström carrying strap for SR 200	1931 053 375
Sundström visor SR 366	1931 053 376
Sundström protective cover SR 346	1931 053 377

Related products	Art. No.
Sundström strap set for SR 200	1931 053 378
Sundström upper frame half for SR 200	1931 053 379
Sundström cleaning cloths SR 5226	1931 053 380
Sundström seal for SR 200 and SR 580	1931 053 381
Sundström cleaning cloths SR 5226	1931 053 382
Sundström membrane set for SR 200	1931 053 383
Sundström filter adapter SR 280-3	1931 053 384
Sundström storage bag 6.3l SR 339	1931 053 385
Sundström glasses frame SR 341	1931 053 386
Sundström rubber head strap SR 340	1931 053 387
Sundström breathing hose	1931 053 388
Sundström breathing hose	1931 053 389
Sundström breathing hose	1931 053 390
Sundström breathing hose	1931 053 391
Sundström filter adapter SR 611	1931 053 392
Sundström filter adapter SR 611	1931 053 393
Sundström laminated glass visor SR 365	1931 053 394
Sundström protective film SR 343	1931 053 395
Sundström test adapter SR 370	1931 053 396
Sundström protective film SR 353	1931 053 397
Sundström hose protection	1931 053 398
Sundström storage box SR 344	1931 053 399

OCCUPATIONAL SAFETY

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07

OUR SERVICE FOR YOU!

Optimal safety with the
eye protection plan of Würth.
See page 23 for further information.

EYE PROTECTION

KEEP AN EYE ON SAFETY

The eye is the human's most important sensory organ. For this reason, everything possible must be done to protect the eyes and maintain vision. If employees are confronted with influences during their work which impair or even endanger their vision, the employer is obliged to take precautions.

The eye is exposed to a variety of hazards which can be divided into three groups:

- **Chemical hazards** (acids, alkalis, gases, vapours, mist, smoke)
- **Mechanical hazards** (dust, foreign particles)
- **Optical hazards** (UV and infrared rays, glare from light)

Safety thanks to wearing acceptance: Only permanent wear of workwear products ensures protection against different hazards. Safety goggles from Würth are characterised by multiple properties which promote the adoption of protective equipment:

- **Excellent wear comfort**
- **Perfect fit**
- **Modern, sporty design**
- **Highest level of safety**
- **Protection & lifestyle**

UV protection: Normally it is 380 nm, but a UV protection of 400 nm is better. This little difference will not be noticed in everyday life. In the long term, higher UV protection is essential for health, because this can prevent cataract for example.

SAFETY GOGGLES



Safety goggles Cetus® X-treme

Maximum protection in a casual design

Perfect eye cover

Soft part makes direct contact with the screen.

Special lens technology with high-quality coating

- Distortion-free view
- Scratch-resistant lens surface and permanent anti-fog coating on inside
- 100% UV protection (up to 400 nm)

Extremely comfortable and secure fit

Flexible two-component arms



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 380	1
Grey	166, 172	0899 102 381	1

Related products	Art. No.
Glasses cleaning cloth	0899 102 300

Safety goggles Cetus® X-treme 65KB

Extraordinary protection in a casual design

Increase in contrast

Optimum visibility even in changing and diffuse lighting conditions

Blue light reduction

Protects against harmful radiation from blue light (LED lighting)

Light tint - 65% transmission

Perfect eye coverage as soft components are connected directly to the lens

Special lens technology with high-quality coating

- Distortion-free view
- Outer panes are extremely scratch-resistant and inside panes feature a permanent anti-fog coating
- 100% UV protection (up to 400 nm)

High wear comfort and secure fit

Flexible 2-component nose bridge

Material of safety lens	Polycarbonate
EN standard	166
Mechanical strength	F (45m/s)
Version	Contrast increasing, Blue light reducing

**Art. No. 0899 102 382**

P. Qty.: 1

07

EYE PROTECTION PLAN



Why is eye protection so important?

Protection against hazards which can be divided into the following groups:

- Chemical hazards (acids, alkalis, gases, vapours, mist, smoke)
- Mechanical hazards (dust, foreign particles)
- Optical hazards (UV and infrared rays, glare from light),
Protection against harmful UV radiation and blue light
(irreversible damages such as cataract)
- Thermal hazards (exposure to heat and cold)

CUSTOMER **WÜRTH**

EYE PROTECTION PLAN

Working area	Workshop		
Article			
Art. no.	Safety glasses "CEPHEUS"	Welding goggles "CEPHEUS"	Safety goggles "LIMA"
			
	0000001020	0000001010	0000001027
Standards	EN 166, EN 170	EN 166, EN 169	EN 166, EN 170
Glass color	Clear	Green	Clear
Mechanical strength	F 125N/d	S	F 125N/d
Application			
	• Spray jobs in shelter for protection from • Mechanical side view • Protection against minor projectiles from • General working in the workshop • General working on steel within • 100% UV protection (up to 400 nm)	• Welding devices • Electric hand welding • Arc welding • General working in the workshop • General working on steel within • 100% UV protection (up to 400 nm)	• Spray jobs in shelter for protection from • Mechanical side view • Protection against minor projectiles from • General working in the workshop • General working on steel within • 100% UV protection (up to 400 nm)

The eye protection plan is developed solely and exclusively based on the customer's information. With respect to no liability for display errors based on an incomplete or incorrect depiction of the facts by the customer. Concrete advice with regard to the use of the eye protection is expressly excluded. Moreover, the current version of the general terms and conditions of business of

Safety glasses Cetus®

Perfect protection with a sporty, dynamic, fashionable look

Perfect eye covering

Special pane technology with high-quality coating

- Distortion-free view
- Outer panes are extremely scratch-resistant and inside panes feature a permanent anti-fog coating
- 100% UV protection (up to 400 nm)

Innovative arm technology

High wear comfort and secure fit owing to flexible two-component arms



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 320	1
Grey	166, 172	0899 102 321	1

Details/Application



Safety glasses Cetus® S

Perfect protection with a casual, dynamic fashionable look, ideal for small heads

Perfect eye covering

Special pane technology with high-quality coating

- Distortion-free view
- Outer panes are extremely scratch-resistant and inside panes feature a permanent anti-fog coating
- 100% UV protection (up to 400 nm)

Innovative arm technology

High wear comfort and secure fit owing to flexible two-component arms



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 324	1
Grey	166, 172	0899 102 325	1

Safety glasses Electra

Highly functional safety glasses in sporty filigree design

Optimal fit – optimal perspective

- Suitable for a wide range of head sizes
- 100% UV protection (up to 400 nm)

Excellent comfort

- Extremely low weight of 23 g
- Soft, adjustable nose rest for non-slip fit
- Anti-slip arm ends

High-quality lens coating

- Outside is extremely scratch-resistant
- Inside features a permanent mist-free coating



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 340	1
Grey	166, 172	0899 102 341	1

Details/Application



Safety goggles FORNAX[®] plus

Maximum protection in an innovative design

Optimum protection for the eye area

- Integrated side protection
- Panoramic lens for large field of vision

Special lens technology with high-quality coating

- Distortion-free view
- Scratch-resistant lens surface and permanent anti-fog coating on inside
- 100% UV protection (up to 400 nm)

Innovative arm technology

- Flexible two-component arms for great comfort and a secure fit
- Variable arm angle for flexible adjustment
- Secure fit without pressure marks – even after long periods of wear

Clever design

- Very compact when folded
- Excellent in combination with breathing masks



Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	F (45m/s)

Art. No. 0899 102 242

P. Qty.: 1

Details/Application

Assembly work, grinding and milling work

Safety glasses Taurus®

Casual, dynamic safety goggles with high-quality metal frame for perfect protection at work

- Maximum safety coupled with optimum comfort
- Good fit
- Scratchproof with permanent fog-free coating on both sides of the lenses
- Individually adjustable, flexible nose bridge
- Screwless lens holder provides a high level of safety for mechanical stresses
- Microfibre bag to store and clean the glasses (included in scope of delivery)
- 100% UV protection (up to 400 nm)



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 290	1
Grey	166, 172	0899 102 291	1

Details/Application



Safety glasses CASSIOPEIA®

Comfortable, individually adjustable safety goggles with a dynamic design

- Four air cushions on frame for a pressure-free fit
- Individual adjustment of earpiece length and angle
- Large coverage
- Ergonomically designed lenses for wide field of vision
- Highly impact-resistant polycarbonate lenses
- Scratch-resistant coating
- 100% UV protection (up to 400 nm)



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 220	1
Grey	166, 172	0899 102 222	1
Yellow	166, 170	0899 102 221	1

Details/Application



Safety glasses CEPHEUS®

Lightweight, well-fitting safety glasses

- Sporty slip-in bracket for pressure-free fit
- Unrestricted side view
- Highly impact-resistant polycarbonate lens
- Scratch-resistant coating on both sides
- 100% UV protection (up to 400 nm)



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 250	1
Grey	166, 172	0899 102 252	1
Yellow	166, 170	0899 102 251	1

Details/Application



Safety glasses Spica®

Sporty eye protection with enhanced comfort

Protection and comfort

- Large field of vision
- Ideal adjustment to the face
- Soft nose bridge for non-slip and comfortable fit
- Ergonomic, soft brow rest

High-quality lenses with special coating

- Scratch-resistant lens surface and permanent anti-fog coating on inside
- 100% UV protection (up to 400 nm)

Innovative arm technology

- Variable arm angle for individual adjustment and optimum eye coverage
- Adjustable flexible arm zone for perfect width adaptation
- Soft arm ends ensure a secure fit without pinching



Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 330	1
Grey	166, 172	0899 102 331	1

Details/Application



Safety goggles LIBRA®

Ultra-light safety glasses for unhindered working

Hardly perceptible weight of just 18 g

First-class comfort thanks to a new type of strap technology

Dual-component technology for a pressure-free fit

Smooth transition from hard to soft plastic at the ends of the arms

Extremely thin and break-proof lens

Lens with extraordinary visual clarity

Optimum fit and high degree of user safety

Perfect safety with a sporty design

High-quality lens coating

- Outside is extremely scratch-resistant
- Inside features a permanent mist-free coating

100% UV protection (up to 400 nm)

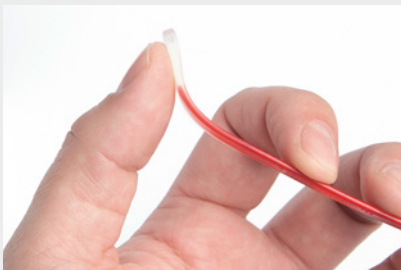
Material of safety lens	Polycarbonate
UV protection	400 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 102 270	1
Grey	166, 172	0899 102 271	1



07

Details/Application



Related products	Art. No.
Goggles case	0899 102 350

Safety glasses Wega®

Sporty safety glasses with perfect all-around protection

Two-component technology for a high level of protection and maximum comfort

- Safely shields the eyes against flying particles
- Adapts to the shape of the individual wearer's face for comfort and perfect protection

Combines the properties of safety glasses and full-vision goggles

Perfect fit with temple length adjustment and temple inclination

High-quality lens coating:

- Outside is extremely scratch-resistant
- Inside features a permanent mist-free coating

100% UV protection (up to 400 nm)

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	F (45m/s)



Art. No. 0899 102 115

P. Qty.: 1

07

Details/Application

Thanks to their excellent variability, Wega® safety glasses are the ideal glasses for frequently changing application conditions. From lathing and milling work to applications with a high dust and particle loading level to wind protection when working outdoors – Wega® is an extremely reliable companion. All-around protection is also provided in combination with other personal protective equipment.



Safety glasses Askella

Sporty, comfortable eye protection

- Sporty and lightweight design
- Perfect fit and coverage for the eyes
- Exterior/interior coating: extremely scratch-resistant
- Adjustable nose bridge made from non-slip rubber
- Highly impact-resistant polycarbonate lenses
- Weight: 24 g



Material of safety lens	Polycarbonate
UV protection	380 nm
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	0899 103 170	1
Dark grey	166, 172	0899 103 171	1
Yellow	166, 170	0899 103 172	1

Safety glasses Askella Korrektur

This sporty model combines safety goggles and corrective lenses for reading work.

- Casual and lightweight design
- Perfect fit and coverage for the eyes
- Exterior/interior coating: extremely scratch-resistant
- Adjustable nose bridge made from anti-slip rubber
- Highly impact-resistant polycarbonate lenses
- Available in various strengths for close-up work



07

EN standard	166
Mechanical strength	F (45m/s)

Correction	Art. No.	P. Qty.
1.5 dpt	0899 103 160	1
2 dpt	0899 103 161	1
2.5 dpt	0899 103 162	1

Safety glasses

Fitzner 8126

Light safety goggles, clear

- Extremely lightweight safety goggles with a secure and comfortable fit thanks to special nose bridge
- Frameless
- Condensation-free polycarbonate lenses
- Good side protection
- Very comfortable

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
EN standard	166


Art. No. 1931 009 991

P. Qty.: 1

Safety glasses

Fitzner 8329

Light safety goggles, tinted

- Extremely lightweight safety goggles with a secure and comfortable fit thanks to special nose bridge
- Frameless
- Condensation-free polycarbonate lenses
- Good side protection
- Very comfortable

Colour of safety lens	Grey
Material of safety lens	Polycarbonate
EN standard	166


Art. No. 1931 009 992

P. Qty.: 1

Safety glasses

Fitzner 8328

Light safety goggles, yellow

- The yellow colour specifically filters out the blue light portion of the visible spectrum, which causes an increase in contrast
- Well-suited in areas with low light conditions
- Extremely lightweight safety goggles with a secure and comfortable fit thanks to special nose bridge
- Frameless
- Condensation-free polycarbonate lenses
- Good side protection
- Very comfortable

Colour of safety lens	Yellow
Material of safety lens	Polycarbonate
EN standard	166



Art. No. 1931 009 993

P. Qty.: 1

Safety glasses

Fitzner 8338

Light small safety goggles, clear

- Small size
- Extremely lightweight safety goggles with a secure and comfortable fit thanks to special nose bridge
- Frameless
- Mist-free polycarbonate lenses
- Good side protection
- Very comfortable

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
EN standard	166



07

Art. No. 1931 009 994

P. Qty.: 1

Safety glasses

Fitzner 8339

Light small safety goggles

- Tinted
- Small size
- Extremely lightweight safety goggles with a secure and comfortable fit thanks to special nose bridge
- Frameless
- Condensation-free polycarbonate lenses
- Good side protection
- Very comfortable

Colour of safety lens	Grey
Material of safety lens	Polycarbonate
EN standard	166


Art. No. 1931 009 995

P. Qty.: 1

Safety goggles

Würth Combor

Exceptionally modern and comfortable safety goggles. Lens made of pure polycarbonate. With scratch protection and anti-fog coating. Supplied with additional, flexible and adjustable headband

Material of safety lens	Polycarbonate
UV protection	99,9 %
Mechanical strength	F (45m/s)

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	1931 018 611	10
Grey	166, 170, 172	1931 018 612	1



Safety goggles

Würth Exor

180° field of vision. Exceptionally lightweight and comfortable.



Material of safety lens	Polycarbonate
UV protection	99,9 %

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	1931 018 614	1
Grey	166, 170, 172	1931 018 615	1
Yellow	166, 170	1931 018 616	1

Safety goggles

Huntor

- Sporty attractive design
- Only 23 grams light as a feather and hardly noticeable
- Unlimited field of vision
- Soft nose bridge for optimum wearing comfort



Material of safety lens	Polycarbonate
UV protection	99,9 %

Colour of safety lens	EN standard	Art. No.	P. Qty.
Clear	166, 170	1931 018 624	1
Grey	166, 170, 172	1931 018 625	1

OVER GOGGLES



Polycarbonate safety goggles

Can be worn over all prescription glasses

- Unrestricted peripheral perception due to panoramic lens with 180° field of view
- Polycarbonate lens with matt roof section to suppress reflections
- 100% UV protection (up to 400 nm)



Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	F (45m/s)

Art. No. 0899 102 230

P. Qty.: 1

Safety glasses

Visitor 8150

Visitor safety goggles, clear

- Modern single-lens goggles with large panoramic lens
- Extremely large viewing field
- Good fit through ergonomically shaped nose bridge
- Indirect ventilation through slotted temple design
- Side and eyebrow protection – very good lateral perception is maintained
- Can be worn alone or over other prescription eyewear
- Suitable for users who wear glasses.



Colour of safety lens	Clear
Material of safety lens	Polycarbonate
EN standard	166
Mechanical strength	F (45m/s)

Art. No. 1931 008 022

P. Qty.: 12

Safety goggles LIBRA®

Versatile use with perfect protection and comfort

Excellent coverage of the eye area

Innovative lens technology with excellent optical clarity

- Fatigue-free working
- Better ability to concentrate
- Prevents accidents and error-related risks
- Ideal for extended periods of use and in conjunction with prescription glasses

Crystal-clear, distortion-free view

Thanks to wavefront-optimised polycarbonate lenses

High-quality lens coating

- Outside is extremely scratch-resistant
- Inside features a permanent mist-free coating

100% UV protection (up to 400 nm)

Excellent for combining with prescription glasses

No contact between straps and prescription glasses, therefore no pressure points

Quick, automatic adjustment of arms to head shape

Soft, especially flexible arm ends offer comfort



Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	F (45m/s)

Art. No. 0899 102 275

P. Qty.: 1

Details/Application

Milling, lathing and grinding work, precision mechanical work, assembly and laboratory work, outdoor work, visitor's goggles



Safety glasses

Ontor

- For universal use as safety glasses, visitor glasses or over-glasses
- Special soft padding on ear hook protects against side impact
- Ideal for wearing over one's own prescription glasses
- Secure coverage of eye area through soft rubber seal
- Ear hooks can be inclined for every application
- Adjustable hook length

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	99,9 %
EN standard	166, 170
Mechanical strength	F (45m/s)


Art. No. 1931 018 613

P. Qty.: 1

Safety goggles Ergo-Top

Innovative frame technology for maximum protection and wear comfort

Special frame technology

- Maximum hold, no falling from head
- Pleasant wearing comfort owing to even distribution of contact pressure
- Good combination option with corrective eye wear as no pressure on frames of corrective glasses.
- Variable frame inclination for optimal adjustment to face shape

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	385 nm
EN standard	166
Mechanical strength	F (45m/s)


Art. No. 0899 102 002

P. Qty.: 1

Details/Application



FULL-VISION GOGGLES



Full-vision goggles WEGA®

The light-weight of full-vision goggles

- Slim design and lightweight (46 g)
- Perfect fit and very comfortable to wear thanks to flexible soft components
- Adapts to the shape of the wearer's face
- Adjustable headband
- High-quality lens coating
- Outer panes are extremely scratch-resistant and inside panes feature a permanent anti-fog coating
- Ideal for combining with hard hats and breathing masks
- 100% UV protection up to 400 nm



07

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	B (120m/s)

Art. No. 0899 102 116
P. Qty.: 1

Related products	Art. No.
Goggles case	0899 102 350

Full-vision safety goggles

Spacious; ideal for users who wear glasses

- All-round ventilation system
- Frosted frame suppresses light reflections
- Suitable for combining with half face masks
- Acetate lens resistant to chemicals
- Anti-fogging coating
- Easy-change lens
- Adjustable head strap

Colour of safety lens	Clear
Material of safety lens	Cellulose acetate
UV protection	400 nm
EN standard	170, 166
Mechanical strength	F (45m/s)


Art. No. 0899 102 100

P. Qty.: 1

Spare parts	Art. No.
Lens for full-vision goggles	0899 102 101

Lens for full-vision goggles

07

Colour of safety lens	Clear
Material of safety lens	Cellulose acetate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	F (45m/s)


Art. No. 0899 102 101

P. Qty.: 1

Full-vision goggles Andromeda®

Two-component technology for reliable protection and maximum comfort

Spacious

Also ideal for users who wear glasses

- Panoramic field of vision
- Optimum ventilation for ideal eye comfort
- Suitable for combining with half-face masks
- High impact-resistant polycarbonate lens
- Scratch-resistant lens surface and permanent mist-free coating on inside
- Lens can be replaced quickly and easily
- Individually adjustable headband
- 100% UV protection up to 400 nm

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	B (120m/s)

Spare parts	Art. No.
Lens for Andromeda full-vision goggles	0899 102 111
Hygiene kit	0899 300 245



Art. No. 0899 102 110

P. Qty.: 1

Details/Application



07

Lens for Andromeda full-vision goggles

Highly impact-resistant polycarbonate lens

100% UV protection up to 400 nm

Colour of safety lens	Clear
Material of safety lens	Polycarbonate
UV protection	400 nm
EN standard	166, 170
Mechanical strength	B (120m/s)



Art. No. 0899 102 111

P. Qty.: 1

WELDING GOGGLES



Welding goggles FORNAX[®] plus

Maximum protection in an innovative design

Optimum protection for the eye area

- Integrated side protection
- Panoramic lens for large field of vision

Special lens technology with high-quality coating

- Minimises the glare of welding sparks
- Distortion-free view
- Scratch-resistant lens surface and permanent anti-fog coating on inside
- Grey lens for excellent colour recognition
- Infrared and glare protection
- 100% UV protection (up to 400 nm)

Innovative arm technology

- Flexible two-component arms for great comfort and a secure fit
- Variable arm angle for flexible adjustment
- Secure fit without pressure marks – even after long periods of wear

Clever design

- Very compact when folded
- Excellent in combination with breathing masks



Protection level	5
Material of safety lens	Polycarbonate
UV and IR protection	Yes
EN standard	166, 169
Mechanical strength	F (45m/s)
Colour of safety lens	Grey

Art. No. 0984 502 250

P. Qty.: 1

Welding goggles CEPHEUS®

Lightweight and comfortable welding goggles

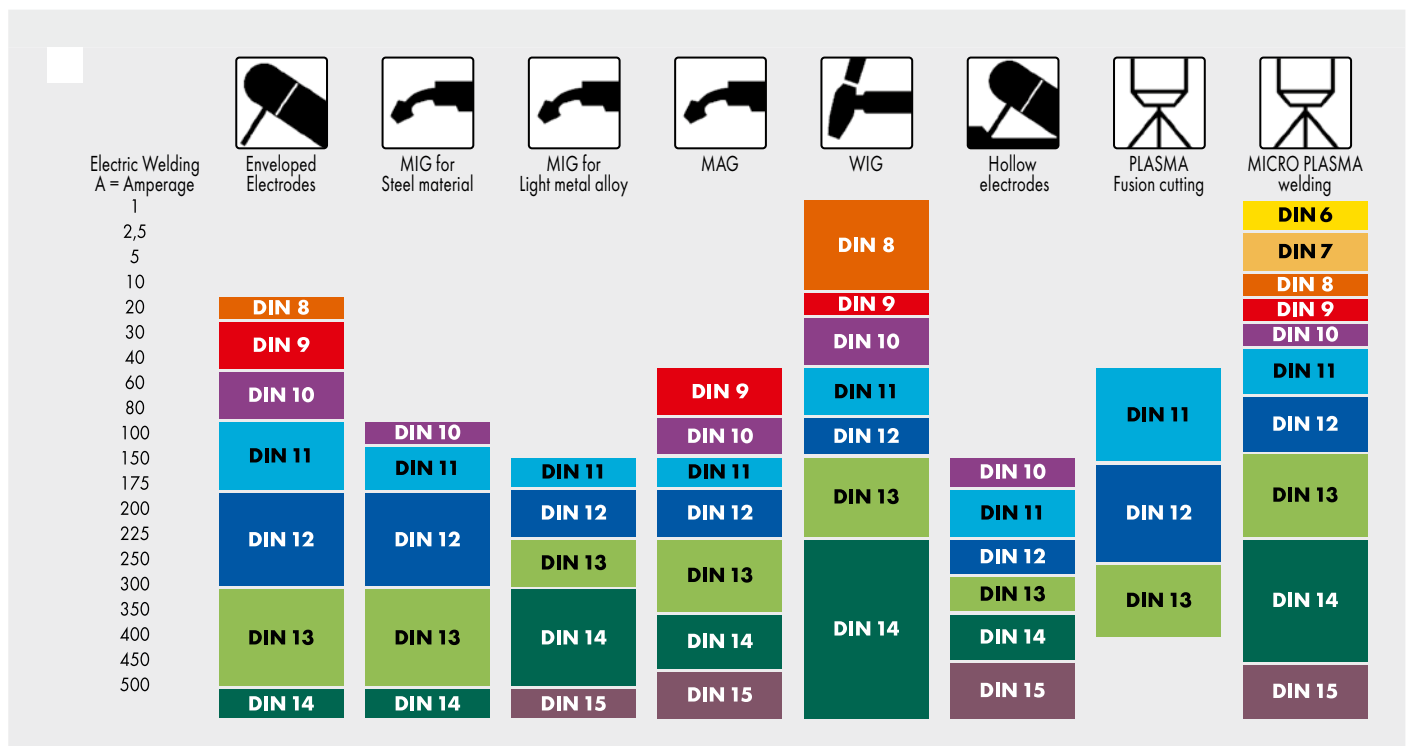
- Modern design
- Highly impact-resistant polycarbonate lens
- Special welding protection coating minimises welding spark burn-in
- UV and IR protection



Material of safety lens	Polycarbonate
UV and IR protection	Yes
EN standard	166, 169
Mechanical strength	S
Colour of safety lens	Green

Protection level	Art. No.	P. Qty.
2	0984 502 120	1
5	0984 502 150	1

Notice



Welding goggles

Ontor

- Universal use as protective glasses, visitor and over-glasses
- Special soft padding on the side arms protects from side impact
- Very suitable for wearing over personal correction glasses
- Covers the eye area safely with a soft rubber seal
- Adjustable side arms for every application
- Adjustable side arm length



Material of safety lens	Polycarbonate
EN standard	166
Mechanical strength	F (45m/s)

Protection level	Colour of safety lens	Art. No.	P. Qty.
2	Light green	1931 040 483	10
3	Green	1931 040 484	10
5	Dark green	1931 040 485	10

ACCESSORIES SAFETY GOGGLES



Storage box

For optimal storage of personal protective equipment

- Sign indicating mandatory use included
- Always at hand and neatly stored away
- Suitable for safety goggles, breathing protection (half-face masks), ear defenders

Width	225 mm
Height	180 mm



07

Art. No. 0899 102 360

P. Qty.: 1

Details/Application



Glasses cleaning cloth

Practical removal box with 100 individually packed moist cleaning wipes

- Special moist cleaning wipe for gentle cleaning of all glasses, in particular all safety goggles
- Suitable for all glasses coatings

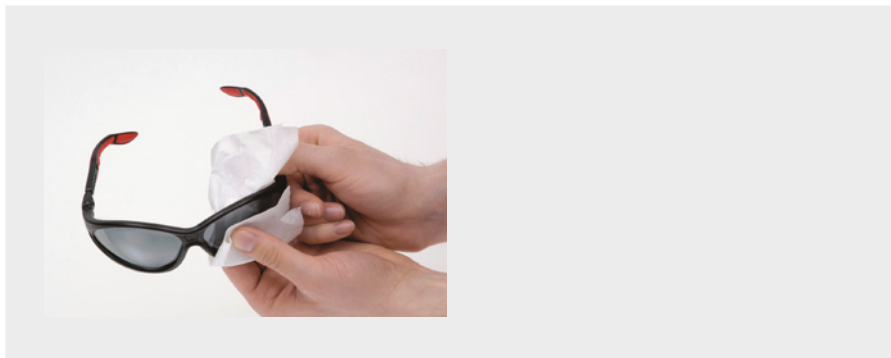
Silicone-free	Yes
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Art. No. 0899 102 300

P. Qty.: 100

Details/Application



Goggles case

With zip and belt loop

For safe storage of goggles and corresponding spare lenses

Art. No. 0899 102 350

P. Qty.: 1



Safety glasses cord Infield 9920

Protects the safety goggles from dust and serves as a microfibre lens cleaning cloth

Material	Nylon (polyamide)
----------	-------------------

Art. No. 1931 040 488

P. Qty.: 1



Safety glasses cord Infield 9992

Protects safety goggles from falling down

Art. No. 1931 040 486

P. Qty.: 12



Glasses strap with predetermined breaking point, Infield 9985

Thanks to the predetermined breaking point, the cord automatically releases where at risk of pulling

Art. No. 1931 040 487

P. Qty.: 12



VISORS



Uhlen Universal helmet mount GFKHH003

The universal helmet mount fits on all standard helmets

- Simple handling of the mount when fastening on the helmet
- Secure fit on the helmet thanks to a strong tension spring
- The mount consists of robust aluminium profiles and is heat and corrosion resistant
- Due to the wide coverage of the profiles, a high degree of impermeability from above is guaranteed
- The protective discs can be folded up to 4 positions
- The protective discs are secured with the twist lock or with the clip closure



Material	Aluminium
Colour	Silver

Art. No. 1931 040 490

P. Qty.: 10

Head gear Uhlen with forehead protection GFKKH200

Individually adjustable, comfortable head gear

- The forehead protection extends far back over the head and is made of high quality polypropylene
- The protective discs are attached to the forehead protection with an eccentric toggle and can be folded up
- The head width is adjusted using an adjuster wheel
- A perforated strip allows for adjustment of the head height
- The forehead cushion can be replaced



Material	Plastic
Colour	Green, Beige

Art. No. 1931 040 491

P. Qty.: 10

Uhlen protective screen

- Excellent-quality vision
- High notch impact strength

1931040492/493:

- High temperature resistance approx. -50°C up to +135°C
- Good UV protection

1931040494/495:

- The protective lens is made of 1.15 mm-thick cellulose acetate
- Temperature resistance up to approx. +90°C
- Good chemical resistance



Colour	Clear
--------	-------

Material	Non-fogging	Art. No.	P. Qty.
Acetate		1931 040 494	10
Acetate	Yes	1931 040 495	10
Polycarbonate - PC		1931 040 492	10
Polycarbonate - PC	Yes	1931 040 493	10

OCCUPATIONAL SAFETY

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08

OUR SERVICE FOR YOU!

Optimal safety with the hearing protection plan of Würth.
See page 23 for further information.

HEARING PROTECTION

NOISY, NOISIER, NOISELESS

Every day, our ear is continuously exposed to different noise levels. It is not only the ear itself which is affected. The various noise levels can also have an impact on our sleep, our blood pressure or our gastrointestinal tract. However, the sensory hair cells in the cochlea of our ear are mostly affected. These are irreparably destroyed in case of hearing impairment which leads to a permanent noise-induced hearing loss that develops painlessly and over a long period of time. It is one of the most common occupational diseases and costs millions every year.

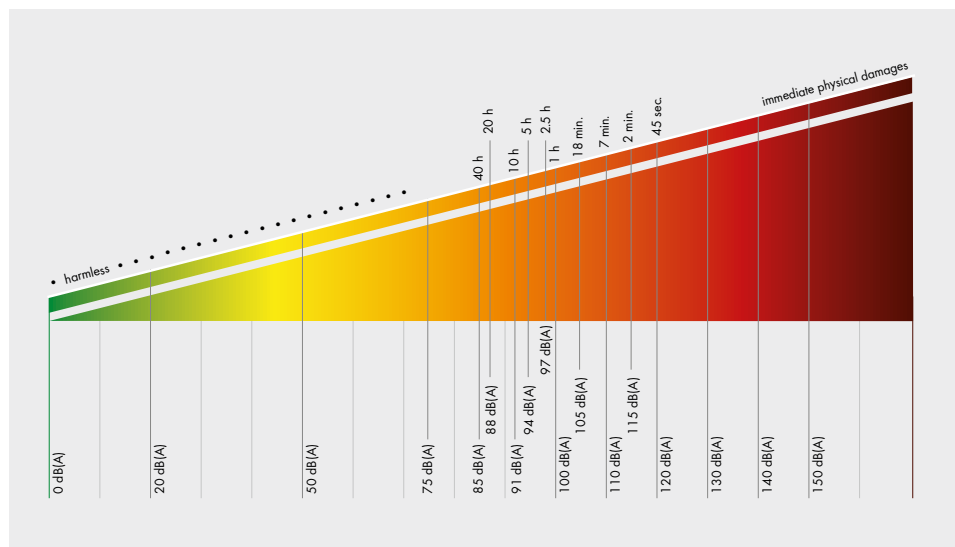
Noise can trigger various complaints which can cover headaches, muscle pains, hypertension and stress to feelings of anxiety and concentration difficulties. The correct use of appropriate hearing protection products will protect your hearing from these damages.

Employees are supported by legislation in protecting their hearing and health.

Legal basis: According to the EU "Noise" Directive, the employer must provide suitable hearing protection equipment for an assessment level above 80 dB (A). The employees have to use the hearing protection provided. Ranges above 85 dB (A) have to be marked as noise zones. The wearing of hearing protection is mandatory in these zones.



Maximum noise levels per week at work and at leisure



- **Up to 20 dB (A):** Auditory threshold
- **20 – 50 dB (A):** Pleasant
- **50 – 75 dB (A):** Harmless
- **80 dB (A):** Lower trigger value for a working day of 8 hours
- **85 dB (A):** Upper trigger value for a working day of 8 hours. Hearing protection must be worn! Working areas must be marked as noise zones
- **Ab 100 dB (A):** Extremely loud! Short stays may lead to hearing impairment and ringing in the ears
- **Ab 160 dB (A):** Immediate physical damages

Consistently worn hearing protection can prevent noise-induced damages to hearing. Hearing protection must be worn during the whole period of noise exposure. An increase in noise of 3 dB (A) means doubling the noise energy. An example: 20 hours of work at a noise level of 88 dB (A) have the same harmful impact as 10 hours working at an noise level of 91 dB (A).

Right choice

A simple way to find the right hearing protection is the SNR method. This stands for "Single Number Rating" of a hearing protection and indicates the simplified insulation performance of the product. If this value is deducted from the prevailing noise exposure at the workplace, you have the remaining sound level at the ear. Normally, this value should be between 70 – 80 dB (A). Excessive insulation (overprotection) can lead to feelings of isolation.

Noise level – Insulation value = Residual noise level

Example: 105 dB (A) – 32 dB (A) = 73 dB (A)

In practice, the calculated insulation performance of the hearing protection is often not reached. However, this is not due to a certification of the products which is unsuitable for practical use, but is related to the wearing habits of the users. That means an additional safety factor must be applied which takes the usual reduction due to wrong wearing habits into account. The insulation performance can be reduced by beard and hair growth, glasses, soiling or incorrect insertion of ear plugs. The German Social Accident Insurance (in German abbreviated as: DGUV) has defined these reduction factors for ear plugs and ear defenders as follows:

- Ear plugs: 9 dB (A)
- Ear defenders: 5 dB (A)

Please take these factors into account when choosing hearing protection:

Noise level – Insulation value + Reduction factor Hearing protection = Residual noise level

Example: 105 dB – 32 dB + 5 dB (earmuffs) = 78 dB

Obligation to instruct

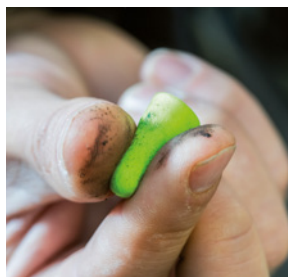
The PPE Regulation (EU) 2016/425 classifies PPE into three risk categories. According to the PPE Regulation (EU) 2016/425 hearing protection products have been upgraded from category II to the highest category III. This means for employers that they must instruct their employees on the use of hearing protection every year.

See page 15 for further information on the risk categories.

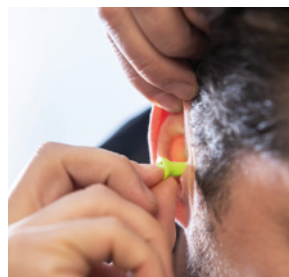
08

Correct insertion of ear plugs

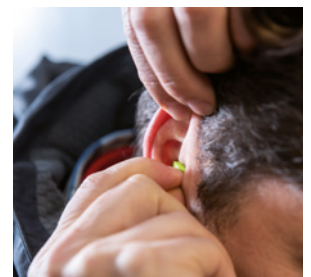
In order to have an optimal protection, users of ear plugs have to know how to insert them correctly. Incorrectly inserted hearing protection offers only partial or no protection at all. For this reason, pay attention to the following procedure:



1. Roll



2. Insert



3. Hold
for at least 5 seconds

If you rely on hearing protection at your workplace most time of the day, wearing comfort is a decisive factor. Würth ear plugs are ergonomically shaped and fit perfectly into the human ear canal. The wearing comfort can be clearly felt. Just try it!

Ear plugs x-100

Ergonomic, cone-shaped disposable ear plugs for use in extremely noisy environments

Outstanding insulation properties

Excellent voice recognition

Very comfortable for maximum user acceptance

Closed surface prevents the penetration of foreign bodies and dirt particles in the plugs

Imprinted X shape provides a number of advantages:

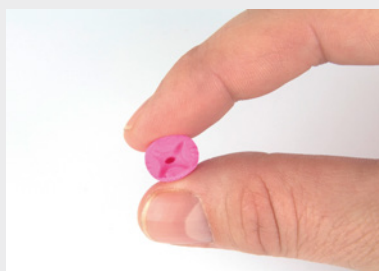
- Reduces contact pressure at the entrance to the ear canal
- Soft and optimum adjustment to the ear canal
- Quick and simple to insert correctly
- Easy to remove



SNR attenuation value	37 dB
L attenuation value	34 dB
M attenuation value	34 dB
H attenuation value	36 dB

Container	Version	Art. No.	P. Qty.
Disposable dispenser	In pairs in polybag	0899 300 331	200
Disposable dispenser	Loose	0899 300 342	50
Refilling bag for dispenser	Loose	0899 300 336	200

Details/Application



Corded ear plugs x-100

Ergonomic, cone-shaped disposable ear plugs for use in extremely noisy environments

Always available and close at hand thanks to safety cord

Outstanding insulation properties

Excellent voice recognition

Very comfortable for maximum user acceptance

Closed surface prevents the penetration of foreign bodies and dirt particles in the plugs

Imprinted X shape provides a number of advantages:

- Reduces contact pressure at the entrance to the ear canal
- Soft and optimum adjustment to the ear canal
- Quick to insert correctly
- Easy to remove

SNR attenuation value	37 dB
L attenuation value	34 dB
M attenuation value	34 dB
H attenuation value	36 dB
Container	Disposable dispenser
Version	In pairs in polybag

Art. No. 0899 300 332

P. Qty.: 100

Details/Application



08

Ear plugs x-200

Thin, ergonomically shaped disposable ear plugs for people with narrow ear canals

Outstanding insulation properties

Excellent voice recognition

Very comfortable for maximum user acceptance

Closed surface prevents the penetration of foreign bodies and dirt particles in the plugs.

Imprinted X shape provides a host of advantages:

- Reduces contact pressure at the entrance to the ear canal
- Soft and optimum adjustment to the ear canal
- Quick and simple to insert correctly
- Easy to remove

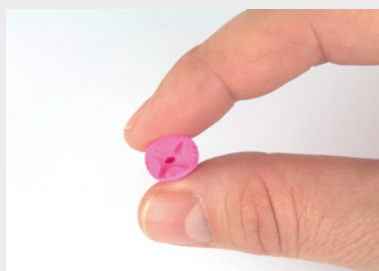


SNR attenuation value	33 dB
L attenuation value	29 dB
M attenuation value	30 dB
H attenuation value	33 dB

Container	Version	Art. No.	P. Qty.
Disposable dispenser	In pairs in polybag	0899 300 334	200
Refilling bag for dispenser	Loose	0899 300 337	200

08

Details/Application



Ear plug dispenser

Easy-to-use and robust ear plug dispenser for wall mounting

Easy filling

Filling quantity: 400 pairs

Grid rotation system prevents multiple plugs from falling out

Catch shelf prevents the plugs from falling to the floor



Notice

Contents not included

Art. No. 0899 300 335

P. Qty.: 1

Related products	Art. No.
Ear plugs x-100	0899 300 336
Ear plugs x-200	0899 300 337



**100 % PROTECTION.
NO COMPROMISES.**

Ear plugs

Bilsom 303L

- Leight Stripe in a new yellow-white colour offers a high degree of comfort and high visibility
- Patented polyurethane foam expands gently in the ear canal and reduces the likelihood of the earplugs sliding out
- More comfortable sealing as a result of lower pressure during expansion, greater comfort than with other ear plugs made of foam during extended wear
- Smooth, dirt-repellent outer shell prevents the accumulation of dirt and thus promotes hygiene
- Conical, spherical design makes it easier to shape and insert the earplugs; adapts uniformly to the shape of the ear canal
- Ideal for environments with medium/high noise levels



SNR attenuation value	33 dB
L attenuation value	29 dB
M attenuation value	29 dB
H attenuation value	32 dB

Container	Version	Art. No.	P. Qty.
Dispensing box	Packed in pairs	1931 007 866	200
Dispensing box	Packed in pairs	1931 007 867	1
Refilling bag for dispenser	Loose	1931 011 546	200
Refilling bag for dispenser	Loose	1931 040 806	200

Details/Application

- | | | |
|----------------------|--------------------------|---------------------------|
| • Chemical | • Law enforcement | • Municipal companies |
| • Construction trade | • Manufacturing industry | • Pharmaceutical industry |
| • Authorities | • Medicine | • Transport |

Ear plugs

Honeywell Laser Lite®

- The Laser Lite foam produces little pressure and expands gradually in the ear canal, remaining comfortable even over long periods.
- T-shape for easy handling.
- The bright colours of magenta and yellow make it quick and easy to check whether the plugs are being worn.

Also available as a refill pack for LS-400 (1931025223)



SNR attenuation value	35 dB
L attenuation value	31 dB
M attenuation value	32 dB
H attenuation value	34 dB

Container	Art. No.	P. Qty.
Display box	1931 040 807	200
Refilling bag for dispenser	1931 025 223	200

Corded ear plugs

Soft fins make these ear plugs very comfortable to wear

- Always to hand thanks to a securing cord
- High noise insulation with good signal and speech recognition
- Comfortable to wear thanks to soft fins
- Supplied in a practical storage box

SNR attenuation value	27 dB
L attenuation value	22 dB
M attenuation value	24 dB
H attenuation value	27 dB
EN standard	352



Art. No. 0899 300 338

P. Qty.: 1 / 4

Ear plugs 3M E-A-R Ultrafit

Made from flexible materials, preformed for an optimum fit in the ears.

Includes storage box

Ear plugs can be reused up to 50 times.

No size adjustment required

Lamellar design

Optimum protection

Washable

SNR attenuation value	32 dB
L attenuation value	25 dB
M attenuation value	28 dB
H attenuation value	33 dB



Art. No. 1931 008 400

P. Qty.: 1

Ear plug band x-300

Lightweight at only 8 g

- To be worn under the chin
- Designed according to the latest ergonomic findings
- Oval plugs perfectly close up the ear canal.
- Fixing of the strap eliminates distracting friction noises

SNR attenuation value	24 dB
L attenuation value	18 dB
M attenuation value	19 dB
H attenuation value	27 dB
EN standard	352

Spare parts	Art. No.
Replacement plugs	0899 300 340


Art. No. 0899 300 339

P. Qty.: 3

Folding ear plug band x-300

Practical and comfortable hearing protection that you can store in any shirt or jacket pocket and take with you.

- Strap worn under the chin
- Ergonomic design
- Oval plugs close off the ear canal precisely
- Strap fixes the ear plugs in place to eliminate friction noise
- Lightweight at only 8 g

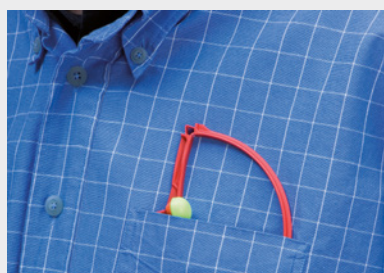
SNR attenuation value	23 dB
L attenuation value	17 dB
M attenuation value	18 dB
H attenuation value	26 dB

Spare parts	Art. No.
Replacement plugs	0899 300 340


Art. No. 0899 300 341

P. Qty.: 3

Details/Application



Replacement plugs

For ear defender strap x-300

Number of ear plugs	5 Pair
---------------------	--------

Art. No. 0899 300 340

P. Qty.: 5 / 10

Notice

VE 5 = 5 pairs



Hearing protection, reusable

Moldex WaveBand® 2K

Anatomically fitting ear plug band

- Freedom of movement without contact sounds
- Two-component design with grip points
- Comfortable with only 1.2 N contact pressure

SNR attenuation value	27 dB
L attenuation value	22 dB
M attenuation value	23 dB
H attenuation value	30 dB
EN standard	352-2



Art. No. 1931 040 808

P. Qty.: 8

Hearing protection, reusable, accessories

Replacement plugs Moldex WaveBand® 2K

Number of ear plugs	Art. No.	P. Qty.
10 Pair	1931 040 809	10
50 Pair	1931 008 404	1/25



Hearing protection, reusable

3M Ear Caps EC01000

The 3M™ E-A-Rcaps™ banded ear plugs are easy to use, practical and very comfortable to wear.

You can put them on and take them off quickly, and the band means they can be held hygienically even with dirty hands. When not in use, they can be easily worn around the neck. This means they are ideally suited to temporary use. The banded ear plugs are particularly light and create almost no sensation of pressure. The ear plugs are made of hypo-allergenic foam and do not penetrate deep into the ear canal, meaning the ear canal is not irritated. They are also break-resistant, so there is no danger of injury. As they can be reused and the plugs can be cleaned, you save significantly on material costs. Of course, replacement plugs are still available.



SNR attenuation value	23 dB
L attenuation value	17 dB
M attenuation value	19 dB
H attenuation value	27 dB

Art. No. 1931 008 147

P. Qty.: 1

Details/Application

- For hazardous short-term/temporary exposure to noise
- For general industrial applications, high temperature ranges, trade, DIY

Ear plug accessories

3M ES01300

The 3M™ E-A-Rcap™ / Flexicap™ / E-A- Rband™ replacement plugs are accessories to the respective 3M™ banded ear plugs. They can be easily replaced.

Colour	Yellow
--------	--------



Art. No. 1931 008 402

P. Qty.: 1

Ear defenders with a universal headband

Robust design with wire headband

Supreme comfort

- Headband with ventilation holes
- Wide and comfortable sealing pads
- Suitable for wearing with glasses and safety glasses

Allow speech to be heard

No insulation

Hygienic

- Simple cleaning
- Easy-to-replace sealing pads



SNR attenuation value	24 dB
L attenuation value	14 dB
M attenuation value	22 dB
H attenuation value	28 dB
Version	With universal band

Art. No. 0899 300 280

P. Qty.: 1

Proof of performance

Tested in accordance with EN 352-1

Spare parts	Art. No.
Hygiene kit	0899 300 285



08

Ear defenders Pocket

Folding ear defenders in a practical pocket format

Maximum comfort

- Wide and comfortable sealing pads
- Suitable for wearing with glasses and safety glasses
- Padded headband

Allow speech to be heard

No insulation

Hygienic

- Simple cleaning
- Easy-to-replace sealing pads



SNR attenuation value	28 dB
L attenuation value	17 dB
M attenuation value	25 dB
H attenuation value	32 dB

Art. No. 0899 300 230

P. Qty.: 1

Details/Application

Proof of performance

Tested in accordance with
EN 352-1

08



Spare parts	Art. No.
Hygiene kit	0899 300 245

Ear defenders 3M Peltor Optime I

Very light and versatile ear defenders for the best possible protection.

Extremely comfortable to wear, even during long-term use

- The soft and comfortable sealing rings filled with a unique combination of liquid and foam guarantee a perfect seal with low-contact pressure
- Plenty of space under the shells despite slimline profile

Can be combined

The ear defenders can be worn together with other protective equipment.



SNR attenuation value	27 dB
L attenuation value	15 dB
M attenuation value	25 dB
H attenuation value	32 dB

Art. No. 1931 040 810

P. Qty.: 1

Spare parts for	Designation	Art. No.
1931 040 810	Hygiene kit	1931 040 813



Ear defenders

3M Peltor Optime II

These ear defenders have been specifically designed for environments with a severe noise level. They are very effective at dampening noise, even at extremely low frequencies.

The slim capsule design guarantees exceptional wearing comfort. The generous space underneath the capsules minimises heat accumulation and perspiration, remaining comfortable even during continuous use. Ventilation ducts on the sealing rings ensure optimal heat dissipation. The soft, wide sealing rings are filled with a unique combination of liquid and foam which ensures low pressure while at the same time providing an optimal seal. The headband is adjustable and fits any head perfectly thanks to its ergonomic shape. Appropriate hygiene kits allow the ear defenders to be used hygienically and economically.



Version: Normal



Version: Helmet capsule

H attenuation value	34 dB
---------------------	-------

SNR attenuation value	L attenuation value	M attenuation value	Version	Art. No.	P. Qty.
30 dB	19 dB	28 dB	Helmet capsule	1931 040 812	1
31 dB	20 dB	29 dB	Normal	1931 040 811	1

08 Details/Application

- Heavy industry
 - Cement production
 - Construction industry
- Airports
 - Textile production
 - Printing industry
 - Agriculture

Spare parts	Art. No.
Hygiene kit	1931 040 814



Ear defenders 3M Peltor Optime III

Outstanding insulation properties, developed for particularly demanding noise environments.

Maximum insulation against high frequencies

- Ear defenders using a double-shell technology which minimises resonance inside the shells
- Maximum insulation against high frequencies while ensuring that speech and warnings can still be heard clearly

Optimum insulation against low frequencies

Acoustic connection between the shell interior and the space between the shells.

Ideal ergonomics

The wide sealing rings filled with soft foam guarantee a perfect low-pressure fit.



SNR attenuation value	35 dB
L attenuation value	22 dB
M attenuation value	32 dB
H attenuation value	40 dB

Art. No. 1931 008 503

P. Qty.: 1

Spare parts for	Designation	Art. No.
1931 008 503	Hygiene kit	1931 040 815



Ear defenders WNA 200

With very good insulation properties and height-adjustable headband

Very comfortable

Padded headband and soft sealing cushions

Adapts to any head shape

Height adjustment of straps

Suitable for areas with lots of noise

High SNR value

Simple, hygienic maintenance

Replaceable sealing cushions



SNR attenuation value	33 dB
L attenuation value	24 dB
M attenuation value	31 dB
H attenuation value	35 dB

Art. No. 0899 300 410

P. Qty.: 1

Details/Application

Ideal for noise ranges between 103 and 112 dB

Ear defenders WNA 200/F

With excellent insulation properties, height-adjustable headband and fluorescent muffs

Very comfortable

Padded headband and soft sealing cushions

Adapts to any head shape

Height adjustment of straps

Excellent visibility in difficult visibility conditions

Fluorescent muffs

Suitable for areas with lots of noise

High SNR value

Simple, hygienic maintenance

Replaceable sealing cushions



SNR attenuation value	32 dB
L attenuation value	22 dB
M attenuation value	29 dB
H attenuation value	36 dB

Art. No. 0899 300 430

P. Qty.: 1

Details/Application

Ideal for noise ranges between 102 and 111 dB



OCCUPATIONAL SAFETY

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WELDER PROTECTION

WELDER PROTECTION FROM HEAD TO TOE

Recommended fields of application

The recommended protection levels only serve as a reference and comply with EN 169:2002. The individual sensitivity of the eyes may require a deviation of ± 1 .

Current	1.5	6	10	15	30	40	60	70	100	125	150	175	200	225	250	300	350	400	450	500	600
Electrode	8							9		10	11		12				13			14	
	WSH III 5-13																				
										WSH III 9-13											
											WSH III 10/11										
MAG	8							9	10	11			12				13				
	WSH III 5-13																				
										WSH III 9-13											
											WSH III 10/11										
WIG			8	9					10	11			12				13				
	WSH III 5-13																				
										WSH III 9-13											
MIG Heavy metals									9	10	11		12				13			14	
	WSH III 5-13																				
										WSH III 9-13											
											WSH III 10/11										
MIG Light metals, stainless, Al										10	11		12	13			14				
	WSH III 5-13																				
											WSH III 9-13										
											WSH III 10/11										
Plasma cutting/ microplasma welding	4	5	6	7	8				9	10	11		12								
	WSH III 5-13																				
										WSH III 9-13											

Welding cap WSC 9-12

Lightweight, comfortable glare protection with automatic darkening

Lightweight and very comfortable

- Lightweight textile materials
- Increased comfort and minimum stress on the neck muscles thanks to balanced weight distribution
- Can be adjusted to fit any head size

Optimum protection

Optimum coverage of face, neck and ears to prevent burns.

Anti-glare cassette

- Continuous adjustment of protection levels from DIN 9-12
- Grinding mode to switch off the cassette for flicker-free grinding
- Extended field of vision through nose cut-out in anti-glare cassette
- Replaceable batteries

Universal application

For all arc welding methods: Electrode welding, MIG/MAG, flux-cored wire welding, TIG welding



Details/Application



Translucency when not activated	Protection level 3
Translucency when activated	Protection level 9-12
Weight	425 g
Approval mark	CE, ANSI, AS/NZS
EN standard	166, 175, 379
Energy supply	2 replaceable 3 V button cells (CR2032)
Min./max. operating temperature	-10 to 60 °C

Art. No. 0984 700 300

P. Qty.: 1

Notice

Caution: Not suitable for laser welding!

Spare parts	Art. No.
External lens	0984 700 311
Internal lens	0984 700 312
Textile head and neck protection	0984 700 313
Nose rest	0984 700 314
Battery cover	0984 700 315

Related products	Art. No.
Retention clip	0984 700 310
Button cell Lithium 3V	0827 082 032

Retention clip

Suitable for welding caps and all Würth automatic welding helmets.

Material	PE - Polyethylene
Length	150 mm
Width	60 mm
Height	50 mm



Art. No. 0984 700 310

P. Qty.: 1

Details/Application



Button cell Lithium 3V

Low level of self-discharge and long shelf life – of 10 years

Nominal voltage	3 V/DC
Type of rechargeable battery/battery	Lithium



Notice

Not rechargeable

IEC designation for button-cell batteries	Diameter x height	Art. No.	P. Qty.
CR 1220 (DL 1220)	12.5 x 2 mm	0827 081 220	10/100
CR 1616 (DL 1616)	16.0 x 1.6 mm	0827 081 616	10/100
CR 1620 (DL 1620)	16.0 x 2 mm	0827 081 620	10/100
CR 1632 (DL 1632)	16.0 x 3.2 mm	0827 081 632	10/100
CR 2016 (DL 2016)	20.0 x 1.6 mm	0827 082 016	10/100
CR 2025 (DL 2025)	20.0 x 2.5 mm	0827 082 025	10/100
CR 2032 (DL 2032)	20.0 x 3.2 mm	0827 082 032	10/100
CR 2430 (DL 2430)	24.0 x 3.0 mm	0827 082 430	10/100
CR 2450 (DL 2450)	24 x 5 mm	0827 082 450	10/100

Cells in single blister pack with Euro perforation

Details/Application

Pedometers, calorie counters, stopwatches, heart rate monitors, digital clinical thermometers, toys and games, electronic books, pocket calculators/PDAs, electronic scales, car alarm systems, watches, pet collars, laser pointers

09



In line with German regulations on the disposal of batteries (BattG), rechargeable batteries and other battery types may not be disposed of in domestic waste. All batteries must be disposed of at suitable collection points.

External lens

For WSC 9-12 welding cap

Material	Polycarbonate - PC
Length	181 mm
Width	99 mm
Height	69 mm



Art. No. 0984 700 311

P. Qty.: 5

Internal lens

For WSC 9-12 welding cap

Material	Polycarbonate - PC
Length	166 mm
Width	101 mm
Height	6 mm



Art. No. 0984 700 312

P. Qty.: 5

Textile head and neck protection

For WSC 9-12 welding cap

Material	Textile
Length	234 mm
Width	204 mm
Height	59 mm



Art. No. 0984 700 313

P. Qty.: 1

Nose rest

For WSC 9-12 welding cap

Material	Nylon (polyamide)
----------	-------------------

Art. No. 0984 700 314

P. Qty.: 5



Battery cover

For WSC 9-12 welding cap

Material	Polycarbonate - PC
----------	--------------------

Art. No. 0984 700 315

P. Qty.: 2



Automatic welding helmet WSH III 10-11

Standard helmet for welding with one or two protection levels

- Recessed viewing window for preventing scratches
- Very comfortable to wear thanks to low weight
- Special smoke-repellent design
- Control unit within the helmet
- Protection levels 10 and 11 adjustable
- Suitable for overhead welding

Translucency when not activated	Protection level 4
Translucency when activated	Protection level 10-11
Cassette width x cassette height x cassette thickness	110 x 90 x 9.5 mm
Width of field of vision x height of field of vision	100 x 50 mm
Energy supply	Solar cells and 2 replaceable 3 V button cells (CR2032)

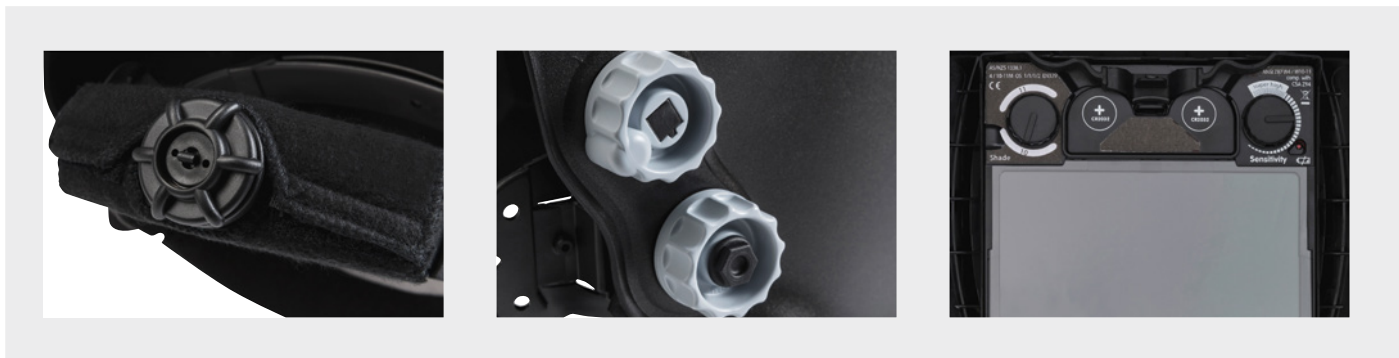
Art. No. 0984 690 010

P. Qty.: 1



Details/Application

Suitable for use in electric welding processes.



Notice

Not suitable for laser and pulsed-arc welding and applications with < 20 ampere welding current!

Spare parts	Art. No.
Anti-glare cassette for automatic welding helmet WSH III 10-11	0984 690 011
External lens	0984 680 02
Inner lens	0984 700 04
4-way headband	0984 720 12
Sweat band	0984 700 14

Anti-glare cassette for automatic welding helmet WSH III 10-11

**Automatic anti-glare cassette with protection level selection
10 or 11**

Visible range

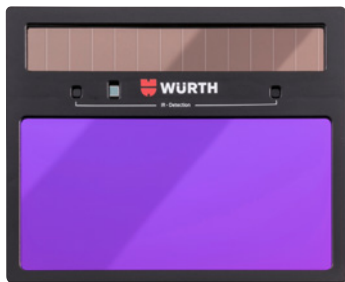
- Protection level 10-11 activated
- Protection level 4 not activated

Protection level can be adjusted using the dial inside

Infinitely adjustable sensitivity inside

**Maximum ultraviolet/infrared protection across the whole
protection level range**

Inner battery compartment



09

Art. No. 0984 690 011

P. Qty.: 1

External lens

For WSH II 3/11, WSH II 9-13 and WSH II 5-13 automatic welding helmets

Art. No. 0984 680 02

P. Qty.: 2



Inner lens

Art. No. 0984 700 04

P. Qty.: 5



4-way headband

For automatic welding helmets

Art. No. 0984 720 12

P. Qty.: 1



Sweat band

For automatic welding helmets

Art. No. 0984 700 14

P. Qty.: 5



Automatic welding helmet WSH III 9-13

For discerning welders

- Recessed viewing window for preventing scratches
- Very comfortable to wear thanks to low weight
- Special smoke-repellent design
- Control unit within the helmet
- Protection levels 9 and 13 infinitely adjustable
- Grinding mode
- Suitable for overhead welding



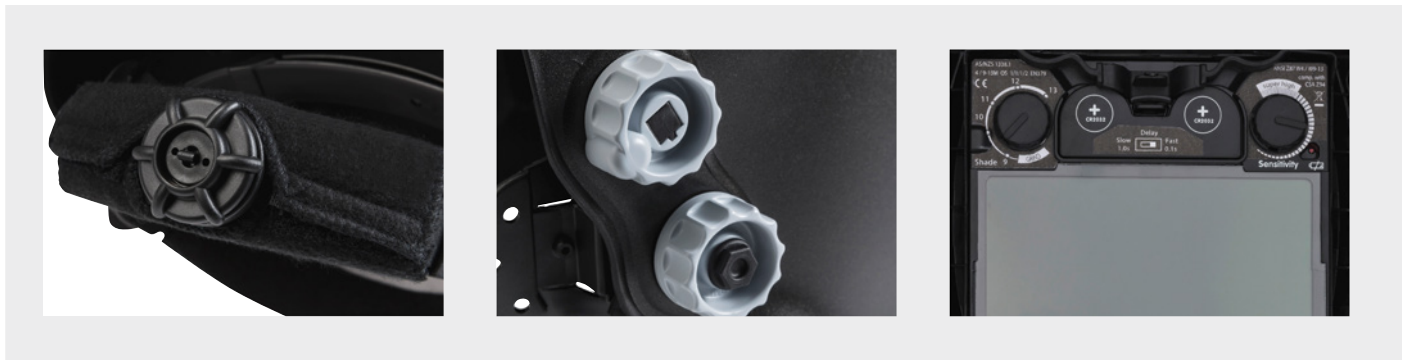
Translucency when not activated	Protection level 4
Translucency when activated	Protection level 9-13
Cassette width x cassette height x cassette thickness	110 x 90 x 9.5 mm
Width of field of vision x height of field of vision	100 x 50 mm
Energy supply	Solar cells and 2 replaceable 3 V button cells (CR2032)

Art. No. 0984 690 020

P. Qty.: 1

Details/Application

Suitable for use in electric welding processes, pulse welding and for > 20 amps welding current applications.



Notice

Not suitable for laser welding!

Spare parts	Art. No.
Anti-glare cassette for automatic welding helmet WSH III 9-13	0984 690 021
External lens	0984 680 02
Inner lens	0984 700 04
4-way headband	0984 720 12
Sweat band	0984 700 14

Anti-glare cassette for automatic welding helmet WSH III 9-13

Automatic anti-glare cassette with protection level selection 9 to 13

Visible range

- Protection level 9-13 activated
- Protection level 4 not activated

Protection level is infinitely variable using the dial

Infinitely adjustable sensitivity inside

Maximum ultraviolet/infrared protection across the whole protection level range

Inner battery compartment



Art. No. 0984 690 021

P. Qty.: 1

Automatic welding helmet WSH III 5-13

For professional welders

- Recessed viewing window for preventing scratches
- Very comfortable to wear thanks to low weight
- Special smoke-repellent design
- Control unit within the helmet
- Protection levels 5 and 13 infinitely adjustable
- Infinitely adjustable sensitivity
- Grinding mode
- Suitable for overhead welding



Translucency when not activated	Protection level 4
Translucency when activated	Protection levels 5-9 and 9-13
Cassette width x cassette height x cassette thickness	110 x 90 x 9.5 mm
Width of field of vision x height of field of vision	100 x 50 mm
Energy supply	Solar cells and 2 replaceable 3 V button cells (CR2032)

Art. No. 0984 690 030

P. Qty.: 1

Spare parts	Art. No.
Anti-glare cassette for automatic welding helmet WSH III 5-13	0984 690 031
External lens	0984 680 02
Inner lens	0984 700 04
4-way headband	0984 720 12
Sweat band	0984 700 14

Details/Application

Suitable for use in electric welding processes, pulse welding and for < 20 amps welding current applications.

Notice

Not suitable for laser welding!



Anti-glare cassette for automatic welding helmet WSH III 5-13

Automatic anti-glare cassette with protection level selection 5 to 13

Visible range

- Protection level 5-13 activated
- Protection level 4 not activated

Protection level is infinitely variable using the dial

Infinitely adjustable sensitivity inside

Maximum ultraviolet/infrared protection across the whole protection level range

Inner battery compartment



09

Details/Application

Art. No. 0984 690 031

P. Qty.: 1



Portable welding protection wall

The combination of extremely robust base frame based on square profiles (30x30 mm) and the welding protection curtain is suitable for arc welding according to EN 1598.

Translucent orange welding protection curtain

Risk factor < 1

Degree of reflection: 230 to 400 nm < 10%

Dimensions:

- Wall: W x H: 200 x 190 cm
- Curtain: W x H: 205 x 180 cm

EN standard	1598
Width x height	200 x 190 cm

Art. No. 0984 770

P. Qty.: 1



Details/Application



Details/Application

Welding:

- Protects non-participants from harmful effects of optical radiation to the skin and eyes.
- Mechanical protection against weld spatter and slag that is to be removed.
- „Translucent“ in accordance with DIN 32504, Part 1

Grinding:

- Hot grinding sparks and particles are deflected thanks to the flame-retardant, spark-resistant curtain.
- Employees, vehicles, painted surfaces, glass etc. are effectively protected.
- Flame-retardant and spark-resistant in accordance with DIN 53438, Part 2

Painting:

- The protection wall can also be used for painting and undercoat work thanks to its chemical resistance.
- Chemical resistance in accordance with DIN 4646, Part 5

Wet conditions:

Also protects against water or spray

Sun:

- Protects against glare and unwanted heat radiation
- Film is resistant to UV radiation.
- UV-resistant in line with DIN 4646, Part 5

Notice

According to Article 5 of VBG (Institution for Statutory Accident Insurance and Prevention in the Administrative Sector) Accident Prevention Regulation 15, work stations for arc welding must be set up in such a way that non-participants are protected against harmful effects of optical radiation to the skin and eyes.

Spare parts	Art. No.
Curtain	0984 770 3

Proof of performance

In accordance with EN 1598

Curtain

For portable welding protection wall

Width	205 cm
Height	180 cm

Art. No. 0984 770 3

P. Qty.: 1



Details/Application



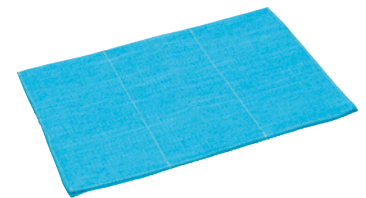
High-temperature protective blanket HTD 1000

To protect delicate components during welding and soldering work

- Suitable for extreme conditions
- Resistant to sparks, cinders, welding beads and incandescent materials
- Asbestos-free

Max. temperature resistance	850 °C
Max. short-term temperature resistance	1000 °C

Length	Width	Art. No.	P. Qty.
500 mm	330 mm	0984 350 1	1
1500 mm	1000 mm	0984 350	1
3000 mm	2000 mm	0984 350 0	1



Details/Application

For soldering work on pipe connections



High-temperature protective blanket HTD 900

To protect sensitive components during welding and soldering work

- Resistant to sparks, cinders, welding beads
- Asbestos-free
- Application temperature: 750°C, briefly: 900°C

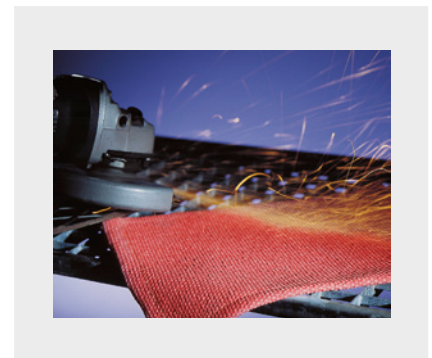
Max. temperature resistance	750°C
Max. short-term temperature resistance	900°C

Length	Width	Art. No.	P. Qty.
1500 mm	1000 mm	0984 350 3	1
3000 mm	2000 mm	0984 350 10	1



Details/Application

For soldering work on pipe connections



Welder's gaiters

Made from split leather

- With sole and stirrup
- With two buckled belts
- Shaft height approx. 40 cm

Material	Split leather
Shaft height	40 cm
Version	With 2 buckle straps

Art. No. 0984 317

P. Qty.: 2



Details/Application

Especially suitable for use in welding shops, turning shops and foundries.

Arm protection

Made from split leather

- Split leather sleeve to connect to the shoulder area
- With a drawstring around the wrist
- Colour: natural
- Length: approx. 56 cm



Material	Split leather
Length	56 cm
Colour	Natural

Art. No. 0984 318

P. Qty.: 2

Details/Application

Especially suitable for welding shops, turning shops, foundries, sheet metal shops and general metalworking.

Welder's apron, split leather

- With chest flap
- Universally adjustable leather straps
- Rough surface

Material	Sheepskin
Length	100 cm
Width	80 cm
Version	Raspy surface



Art. No. 0984 312

P. Qty.: 1

Details/Application

Ideal protection against cuts and friction wear. Metalwork, glass work, shipbuilding and mechanical engineering, car body construction

Welder's apron, full leather

The ideal protection for welding shops, distilleries, foundries, galvanising shops. The smooth surface makes it resistant to flying sparks, welding beads, liquid steel and aluminium.

- With chest flap
- Universally adjustable leather straps
- Smooth surface



Material	Full leather
Length	100 cm
Width	80 cm
Version	Smooth surface

Art. No. 0984 313

P. Qty.: 1

Protective apron

Fitzner pinafore 105112

Split-leather pinafore with breast bib and height-adjustable leather straps

- Size 80 x 100 cm
- Robust and strong

Colour	Natural
Material	Split leather



Art. No. 1931 040 475

P. Qty.: 25

Protective apron

Fitzner Pro-Fit® 311

Pro-Fit® Sigma protection made from full-grain leather with unbuttonable apron and open back

- Strong and robust

Colour	Natural
Material	Full leather



Size	Art. No.	P. Qty.
S	1931 040 476	10
M	1931 040 477	10
L	1931 040 478	10
XL	1931 040 479	10
XXL	1931 040 480	10

Welder clothing

Jutec heat-protection coat HSM120KA

Aluminised heat-protection coat from preox-aramid fabric

- Flexible fabric
- Very comfortable to wear
- High heat reflection
- Insulated press stud, stand-up collar, rip-tape fastener

Material	Para-aramid synthetic fibre
Length	120 cm
Colour	Silver



Size	Art. No.	P. Qty.
44	1931 040 381	1
46	1931 040 382	1
48	1931 040 383	1
50	1931 027 913	1
52	1931 040 384	1
54	1931 040 385	1
56	1931 040 386	1
58	1931 040 387	1
60	1931 040 388	1
62	1931 040 389	1
64	1931 040 390	1
66	1931 040 391	1
68	1931 040 392	1
70	1931 040 393	1

Welder clothing

Jutec heat-protection coat HSJ080KA

Aluminised heat-protection coat made of preox-aramid fabric

- Flexible fabric
- Very comfortable to wear
- High heat reflection
- Insulated press stud, stand-up collar, rip-tape fastener



Material	Para-aramid synthetic fibre
Length	80 cm
Colour	Silver

Size	Art. No.	P. Qty.
44	1931 040 394	1
46	1931 040 395	1
48	1931 040 396	1
50	1931 027 914	1
52	1931 040 397	1
54	1931 040 398	1
56	1931 040 399	1
58	1931 040 400	1
60	1931 040 401	1
62	1931 040 402	1
64	1931 040 403	1
66	1931 040 404	1
68	1931 040 405	1
70	1931 040 406	1

Welder clothing

Jutec heat protection trousers HSH100KA

Aluminised heat protection trousers made from Preox aramide fabric

- Flexible fabric
- Very comfortable to wear
- High heat reflection
- No pockets in accordance with standard
- Insulated press stud, hook and loop fastening, belt loops



Material	Para-aramid synthetic fibre
Colour	Silver

Size	Art. No.	P. Qty.
44	1931 040 407	1
46	1931 040 408	1
48	1931 040 409	1
50	1931 027 915	1
52	1931 040 410	1
54	1931 040 411	1
56	1931 040 412	1
58	1931 040 413	1
60	1931 040 414	1
62	1931 040 415	1
64	1931 040 416	1
66	1931 040 417	1
68	1931 040 418	1
70	1931 040 419	1

OCCUPATIONAL SAFETY

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FALL PROTECTION

FALL PROTECTION FOR ALL CASES

Personal protective equipment to prevent falling

Legislation stipulates precisely that when working at a certain height where there is a risk of falling, the employer has to take precautions to prevent falling. If the danger of falling cannot be eliminated by collective protective equipment, personal protective equipment (PPE) in the form of a safety harness, connecting equipment and various accessories has to be used.

For every application and every requirement the right components!

PPE against falls consists of different individual components which can be combined with each other depending on the respective application and requirement. An anchor point, a connector and a belt are part of every safety harness system.



1. Anchor point

PPE anchor devices are no anchor points in the conventional sense. They serve as anchor points for personal fall protection systems (PPE) according to EN 363:2008 which can be hooked in after fixing the anchor point. These anchor points can also be permanently fixed on buildings for attaching personal protective equipment. The position of the anchor point should always be chosen in that way that free fall is limited to a minimum. Preferably, it should be positioned vertically above the user to avoid swinging.



Mobile anchor points:

Only use in combination with the respective support terminal.



2. Connectors

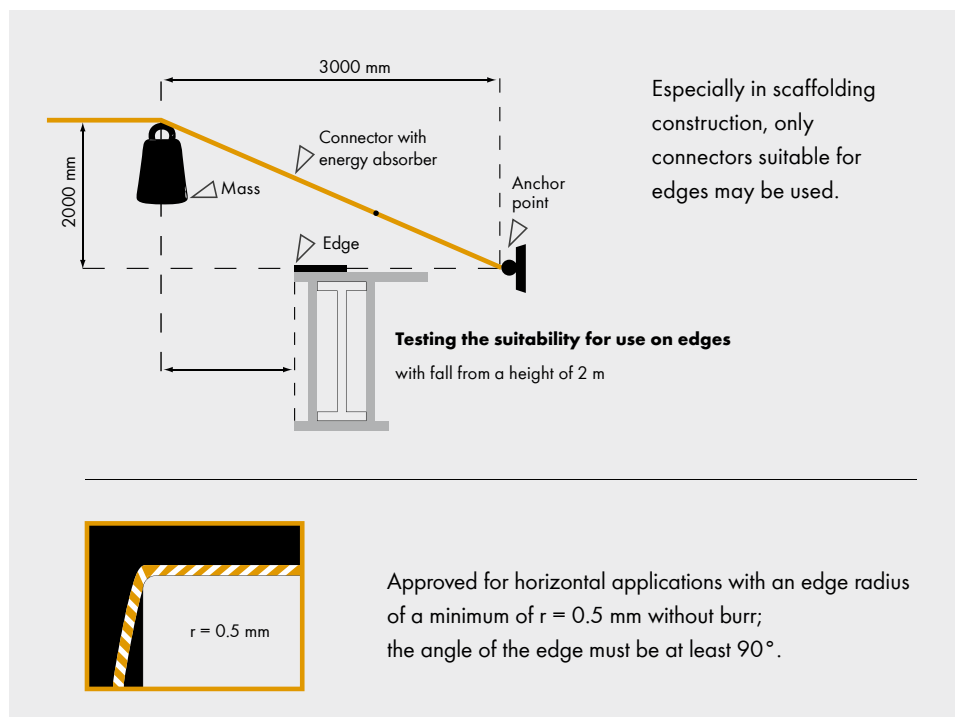
Our employees of the Occupational Safety Division will be pleased to advise you on the selection of the right connector for your application.



Y-connector



Connectors with energy absorbers



3. Safety harness

- 1** Rear harness eyelet
- 2** Back support or back pad



They safety harness is worn on the body of the user and catches the user in case of falling. Depending on the purpose and duration of use, fall arrest harnesses are available in different designs. For work that requires wearing over a longer period of time, attention should be paid to wearing comfort and ergonomics.

Straps with wide back pads or elastic straps offer the best possible wearing comfort. Depending on the design, the straps are equipped with different eyelets and loops for hooking in, holding and positioning.

Fall arrester Pro set 2

Complete set comprising safety harness, synchronous-running fall arrester with 15 m rope and storage case

- Tested and approved up to 125 kg

Art. No. 0899 032 085

P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.



Details/Application



Contents for Art. No. 0899 032 085

Designation	Art. No.	Quantity
Safety harness Profi 3	0899 032 915	1
Sliding fall arrester	0899 032 914	1
System case 8.4.2	5581 011 000	1

Fall arrester set Aerial work platform

Complete set for working with aerial work platform in practical backpack.

Art. No. 0899 032 113

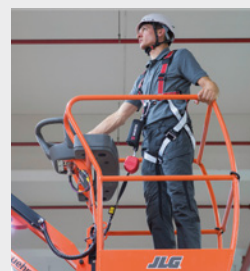
P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.



Details/Application



Contents for Art. No. 0899 032 113

Designation	Art. No.	Quantity
Elastico Pro safety harness	0899 032 075	1
Fall arrester HSG-18 Compact 1.8 m	0899 032 110	1
Rucksack	0899 032 943	1

Fall arrester set of scaffolding

Complete set for scaffolding in a practical backpack

Art. No. 0899 032 114

P. Qty.: 1

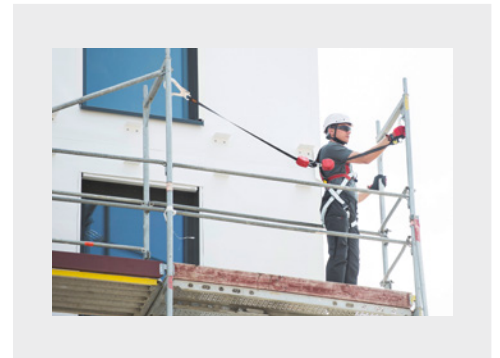
Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.



Contents for Art. No. 0899 032 114		
Designation	Art. No.	Quantity
Elastico Pro safety harness	0899 032 075	1
Fall arrester HSG-25 Compact 2.5 m	0899 032 111	1
Rucksack	0899 032 943	1

Details/Application



Scaffolding set Basic

Complete set for scaffolding work

- Safety harness with back eyelet extension tested on sharp edges (length 50 cm)
- Fastener with belt fall arrester belt tested on sharp edges (length 2 m) and pipe carabiner for fast, easy attachment to pipes and scaffolding

Art. No. 0899 032 050

P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Approved exclusively for scaffolding work.



10

Contents for Art. No. 0899 032 050		
Designation	Art. No.	Quantity
Connector with fall arrester belt for scaffolding	0899 032 052	1
Basic safety harness for scaffolding	0899 032 053	1
Rucksack	0899 032 943	1



Edge-tested

Professional scaffolding set Elastico

Complete set for scaffolding work with the especially comfortable Elastico safety harness

- Safety harness with back eyelet extension tested on sharp edges (length 50 cm)
- Fastener with belt fall arrester belt tested on sharp edges (length 2 m) and pipe carabiner for fast, easy attachment to pipes and scaffolding

Art. No. 0899 032 051

P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Approved exclusively for scaffolding work.



Edge-tested

Contents for Art. No. 0899 032 051

Designation	Art. No.	Quantity
Connector with fall arrester belt for scaffolding	0899 032 052	1
Elastico safety harness for scaffolding	0899 032 054	1
Rucksack	0899 032 943	1

Window construction fall arrester set

Complete set consisting of safety harness, synchronous-running fall arrester with 15 m rope and security traverse in practical rucksack

Art. No. 0899 032 991

P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.



Contents for Art. No. 0899 032 991

Designation	Art. No.	Quantity
Safety harness Basic	0899 032 911	1
Sliding fall arrester	0899 032 914	1
Safety traverse Aluminium	0899 032 980	1
Rucksack	0899 032 943	1

Safety harness Basic

Light safety harness

- Back harness eye in accordance with EN 361
- Two chest loops as harness eye in accordance with EN 361

Max. load capacity	100 kg
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Art. No. 0899 032 911

P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Related products	Art. No.
Snap hook Trilock	0899 032 925
Trauma sling	0899 032 966



Safety harness Profi 3

Ideal as safety harness and retaining harness

- Tested and approved for up to 125 kg
- Rear harness eye in accordance with EN 361
- Two chest loops as harness eye in accordance with EN 361
- Two side harness eyes in accordance with EN 358

EN standard	361, 358
Max. load capacity	125 kg

Version	Art. No.	P. Qty.
Standard	0899 032 915	1
XXL	0899 032 068	1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Related products	Art. No.
Snap hook Trilock	0899 032 925
Trauma sling	0899 032 966



Safety harness with high-vis waistcoat

Fall arrestor and high-vis vest in one product

- Safety harness with integrated high-vis vest for workplaces with falling hazards, especially where lighting conditions are poor and where visibility requirements are higher
- In line with EN 361 and EN 20471
- Harness eyelet on back in line with EN 361
- Two chest loops as harness eyelets in line with EN 361
- Two zips to adjust the size
- Quick and easy to put on and take off thanks to quick-release fasteners on the leg straps



EN standard	361
Version	M/L

Art. No. 0899 032 064

P. Qty.: 1

Details/Application



10

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Safety harness W100

Ergonomic safety harness for low-fatigue wear, even for longer periods

- Wide, ergonomically shaped back support with inner lining
- Rear harness eyelet according to EN 361
- Two chest loops as harness eyelets in accordance with EN 361
- Two side retention eyelets in accordance with EN 358
- Climb protection eyelet according to EN 361 in connection with EN 353-1

EN standard	361
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Art. No. 0899 032 900

P. Qty.: 1



Details/Application



Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Safety harness Elastico

Ergonomic safety harness with elastic belt material around the chest

- Maximum freedom of movement and comfort, even when working in tight conditions
- Rear harness eye in accordance with EN 361
- Two chest loops as harness eye in accordance with EN 361
- Two side harness eyes in accordance with EN 358

EN standard	358, 361
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Art. No. 0899 032 008
P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Related products	Art. No.
Snap hook Trilock	0899 032 925
Trauma sling	0899 032 966

Elastico Pro safety harness

Ergonomic safety harness allowing maximum freedom of movement

Optimum comfort thanks to

- Use of elastic belt material in the chest area
- X-shaped back padding
- Leg padding

Quick and easy to put on and take off thanks to

- Belts threaded through the back padding (no twisting)
- Quick-action buckles on the leg straps

Back harness eye in accordance with EN 361

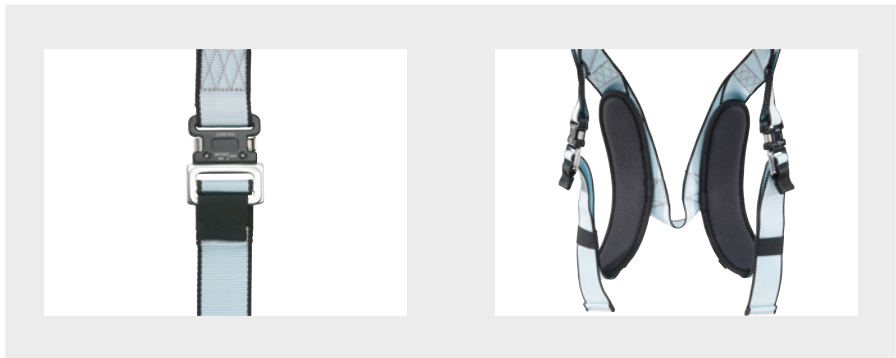
Two chest loops as harness eye in accordance with EN 361

EN standard	361
Max. load capacity	100 kg

Art. No. 0899 032 075

P. Qty.: 1

Details/Application



Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Related products	Art. No.
Snap hook Trilock	0899 032 925
Trauma sling	0899 032 966



Basic safety harness for scaffolding

Specialist scaffolding safety harness with back eyelet extension tested on sharp edges

- Back eyelet extension (length 50 cm)
- Rear collecting loop according to EN 361
- Two chest loops as collecting loop according to EN 361

Max. load capacity	100 kg
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Art. No. 0899 032 053

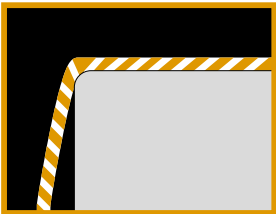
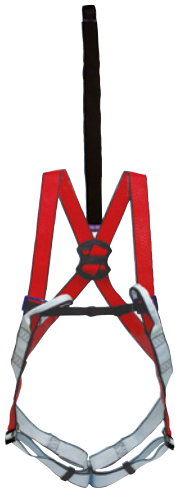
P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

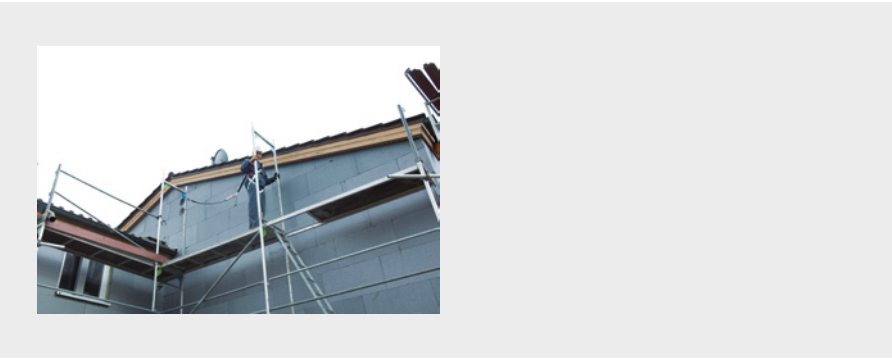
Approved exclusively for scaffolding work.

Related products	Art. No.
Snap hook Trilock	0899 032 925
Trauma sling	0899 032 966



Edge-tested

Details/Application



Elastico safety harness for scaffolding

Ergonomic safety harness with back eyelet extension tested on edges

- Maximum freedom of movement and comfort thanks to elastic belt material around the chest
- Back eyelet extension (length 50 cm)
- Rear collecting loop in accordance with EN 361
- Two chest loops as collecting loop in accordance with EN 361
- Two side retaining eyelets in accordance with EN 358

Max. load capacity	100 kg
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Art. No. 0899 032 054

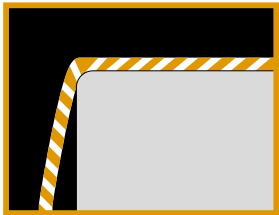
P. Qty.: 1

Notice

If both chest loops on the safety harness are not used with a fastener, we recommend connecting them using a carabiner.

Approved exclusively for scaffolding work.

Related products	Art. No.
Snap hook Trilock	0899 032 925
Trauma sling	0899 032 966



Edge-tested

Details/Application



Connector with energy absorber

One-handed carabiners for easy use

EN standard	354, 355
Length	2 m
Max. load capacity	100 kg



Art. No. 0899 032 012

P. Qty.: 1

Connector with energy absorber and pipe carabiner

Ideal for façade scaffolding

For fast, easy attachment to pipes and scaffolding up to max.

Ø 59 mm

via a large, steel pipe carabiner

EN standard	354, 355
Length	1.5 m
Suitable for	Pipe up to max. diameter 59 mm
Max. load capacity	100 kg



Art. No. 0899 032 014

P. Qty.: 1

Details/Application

Ideal for scaffolding builders, shelf builders and railing installation



Y-connector

For attachment on alternating sides

For simple, fast securing on pipes with max. Ø 59 mm

Via a large pipe carabiner made from steel

Length: 1.5 m

EN standard	354, 355
Length	1.5 m
Suitable for	Pipe up to max. diameter 59 mm
Max. load capacity	100 kg



Art. No. 0899 032 015

P. Qty.: 1

Details/Application

Enables optimum securing during climbing and all work with changing working positions (lattice pylons, shelf construction etc.)

Connector with fall arrestor belt for scaffolding

Ideal for longitudinal façade scaffolding

- For fast, easy attachment to pipes and scaffolding up to max. Ø 59 mm via a large, aluminium pipe carabiner
- Tested on sharp edges

EN standard	354, 355
Length	2 m
Max. load capacity	100 kg



Edge-tested

Art. No. 0899 032 052

P. Qty.: 1

Sliding fall arrester

Integrated energy absorber

- Travels freely in the climbing direction and automatically locks in the event of a fall
- Robust, flexible 12-mm kernmantle rope
- Tested and approved for up to 125 kg

EN standard	353-2
Length	15 m



Art. No. 0899 032 914

P. Qty.: 1

Rope, mast anchorage

With rope grab for continuous adjustment of the holding position

EN standard	358
Length	2 m
Diameter	12 mm



Art. No. 0899 032 016

P. Qty.: 1

Details/Application

For workplace positioning for free-hand work

Fall arrester device with belt strap

Light fall arrester device for universal use in areas with a falling hazard

EN standard	360
Total length of connection element	2.5 m
Width x height x depth	110 x 110 x 80 mm
Weight	1.13 kg

Art. No. 0899 032 908

P. Qty.: 1



Fall arrester device Pro with steel cable

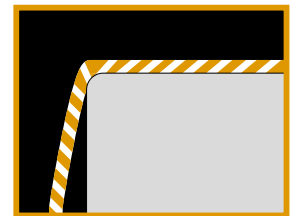
Offers optimum freedom of movement and flexibility during work whilst providing maximum safety in the event of a fall.

- Self-retracting steel cable for optimum safety
- In the event of a fall, the device blocks the movement starting from a fall rate of 1.5 m/s
- Robust plastic housing
- Rotary swivel carabiner prevents cable twisting
- Suitable for horizontal applications
- Tested on sharp edges

EN standard	360
Wire cable diameter	4.8 mm

Wire cable length	Width x height x depth	Weight	Art. No.	P. Qty.
5 m	145 x 210 x 70 mm	2.6 kg	0899 032 120	1
10 m	180 x 275 x 80 mm	3.76 kg	0899 032 121	1
15 m	265 x 375 x 100 mm	5.47 kg	0899 032 122	1

Related products	Art. No.
Anchor point set for fall arrestor device	0899 032 909



Edge-tested

Fall arrester HSG-18 Compact

Lightweight fall arrester with belt strap, in particular for use involving aerial work platforms

Equipped with tri-lock aluminium carabiners

Permissible user weight of 135 kg

Integrated belt fall cushioner for absorbing fall energy

- The fall cushioner ensures force transmission to the attachment point of less than 3 kN with a user weight of up to 100 kg
- With a user weight of 100 – 135 kg, force transmission to the attachment point is 3 – 6 kN.

Lightweight, compact construction

Double edges tested

EN standard	354, 360
Total length of connection element	1.8 m

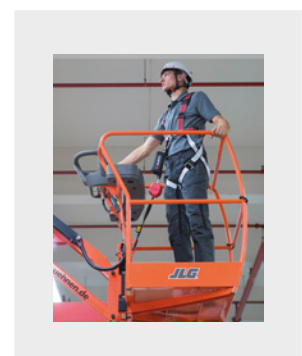
Art. No. 0899 032 110

P. Qty.: 1



Details/Application

Aerial work platform



Fall arrester HSG-25 Compact

Lightweight fall arrester with belt strap, in particular for use involving scaffolding construction

- Equipped with tri-lock aluminium carabiner and aluminium tubular carabiner with an opening of 60 mm for quick and simple attachment
- Integrated belt fall cushioner for absorbing fall energy
- Permissible user weight of 135 kg
- Lightweight, compact construction
- Double edges tested

EN standard	354, 360
Total length of connection element	2.5 m



Art. No. 0899 032 111

P. Qty.: 1

Details/Application

Scaffolding construction, shelving construction, industrial assembly, railing construction



Fall arrester HSG-25-Y Compact

Lightweight fall arrester in particular for use involving scaffolding construction and alternating of work positions

- Two-strand Y-design for securing one individual
- Alternating attachment facilitates optimal, continual safety
- Equipped with tri-lock aluminium carabiner and two aluminium tubular carabiners with an opening of 60 mm for quick and simple attachment
- Integrated belt fall cushioner for absorbing fall energy
- Permissible user weight of 135 kg
- Lightweight, compact construction
- Double edges tested



EN standard	354, 360
Total length of connection element	2.5 m

Art. No. 0899 032 112

P. Qty.: 1

Details/Application

Scaffolding construction, shelving construction, industrial assembly, railing construction, pylons



Safety traverse Aluminium

Flexible anchor point in an attractive design for use between load-bearing door openings

- Permitted as an anchor point for max. 2 people
- Made from high quality material
- Low weight for very good handling

Material	Aluminium
Weight	7.5 kg
Width	12 cm
Height	14.5 cm
Length	139.3 cm



reddot design award
winner 2018

Art. No. 0899 032 980

P. Qty.: 1

Details/Application

Ideal for window makers, bricklayers, railing fitters, and many others.

Lost anchor point

For attaching to load-bearing wooden parts

- As an anchor point for max. two persons
- Can remain attached to the structure when work is complete
- Attach with ASSY® 3.0 screws A2 5.0 x 80 mm



Art. No. 0899 032 953

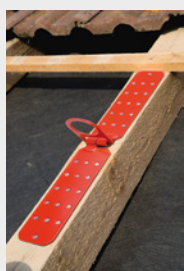
P. Qty.: 1

Details/Application

Ideal for roofers, carpenters, solar panel installers etc.

Proof of performance

Tested in accordance with
EN 795 A and B



Temporary horizontal securing system

Optimum freedom of movement in horizontal positions

Belt strap with ratchet, length: 20 m

Approved for 2 people

Scope of delivery:

- 2 rotary spring hooks
- 2 belt slings
- Storage and carry bag



EN standard	795-B
Material	PES - Polyester
Height	64.400 mm

Art. No. 0899 032 960

P. Qty.: 1

Details/Application

For producing a temporary horizontal anchor point.

Proof of performance

In accordance with EN 795 B



10

Mobile stop clamp

Mobile, adjustable anchor point for steel beams with a flange width from 90 to 380 mm.

- Permitted as an attachment point for 1 person
- Two locking pins to fix the setting

Material	Aluminium
Height	109 mm
Length	490 mm



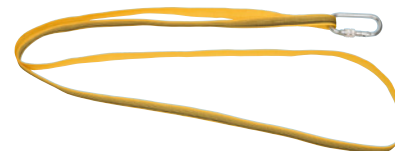
Art. No. 0899 032 985

P. Qty.: 1

Anchor point set for fall arrestor device

Comprises one 1.5 m belt sling and a steel snap hook with screw locking device

- Belt sling in accordance with EN 354 and EN 795, minimum breaking strength 26 kN
- Steel snap hook in accordance with EN 362



Product weight (per item)	307 g
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Art. No. 0899 032 909

P. Qty.: 1

Contents for Art. No. 0899 032 909

Designation	Art. No.	Quantity
Belt sling	0899 032 916	1
Locking carabiner, oval	0899 032 920	1

Belt sling

Minimum breaking strength: 26 kN

Proof of performance

Belt sling in accordance with EN 354 and EN 795

Material	PA - Polyamide
Length	1.5 m
Width	25 mm
EN standard	354, 795



Art. No. 0899 032 916

P. Qty.: 1

Proof of performance

Belt sling in accordance with
EN 354 and EN 795

Locking carabiner, oval

Screw retainer

Material	Steel
Surface	Zinc plated
EN standard	362
Max. width of mouth	17 mm
Length	109 mm
Width	57 mm
Load force in an open position	8 kN
Load force in a vertical position	25 kN



Art. No. 0899 032 920

P. Qty.: 1

Proof of performance

In accordance with EN 362

Snap hook Trilock

With Trilock closure for maximum safety

Material	Aluminium/aluminium
Surface	Plain
EN standard	362, 12275
Max. width of mouth	23 mm
Length	112 mm
Width	78 mm
Load force in a horizontal position	8 kN
Load force in an open position	6 kN
Load force in a vertical position	24 kN



Art. No. 0899 032 925

P. Qty.: 1

Proof of performance

Nach EN 362, EN 12275

Trauma sling

For reducing the suspension trauma after a fall

- Trauma slings keep the muscle pump and blood circulation functioning until the fallen person is rescued
- Length adjustable from 45 cm to 126 cm
- To be used in pairs



Art. No. 0899 032 966

P. Qty.: 1

Details/Application

Trauma slings can be attached to all types of safety harness, regardless of their design

Notice

The trauma sling comprises a left-hand and right-hand section that is attached to the safety harness. In the event of a fall, both sections are brought together to form a loop. The fallen person can push a foot into the loop to relieve the pressure on the thighs.

Details/Application



Rucksack

Storage rucksack for personal protective equipment

- Practical storage and transport of fall arrestor gear
- Storage net for helmets, clothing and other accessories
- Pockets for mobile phone and flask



Art. No. 0899 032 943

P. Qty.: 1

Details/Application



Working-at-height helmet

Universal multi-function helmet for working at height and for applications in industry and trade.

Unobstructed upward view

thanks to short visor

Secure fit

with yoke chin strap

Comfortable

- 6-point textile mounting and rear vents
- Helmet shell made from lightweight ABS

Continuous width adjustment

with rotating wheel

Combinable with additional equipment

Retaining clips for attaching additional equipment with elastic bands, e.g. full-vision goggles or LED lamps



Colour	White
Min./max. size	51 cm-61 cm
Interior equipment helmet	6-point
EN standard	397, 12492
Material	ABS

Art. No. 0899 200 290

P. Qty.: 1

Proof of performance

Tested according to

- EN 12492 (working helmet at height/mountaineering helmet)
- EN 397 (industrial safety helmet)

Spare parts for	Designation	Art. No.
0899 200 290	Sweatband	0899 200 249

Related products	Art. No.
Standard visor	0899 200 237
Ear defenders	0899 200 259
Winter hood	0899 200 293

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FIRST AID

DO NOT LOSE ANY TIME!

Minor or major accidents occur in the working environment. If they cannot be avoided, an appropriate first aid kit is necessary. Whether in the office, on the construction site or in the car, Würth offers the right products for fast and effective first aid directly at your place of work. The extent of the injury and its consequences are thus limited. First aid includes making an emergency call, release from the hazardous situation and first aid until professional help arrives.



First-aid case, DIN 13157

Suitable for stationary and mobile use

- Includes wall holder with 90° locking mechanism
- Easy to find what you need thanks to flexible interior compartments and Plexiglas cover
- High-strength ABS plastic
- Resistant to deformation, impact-proof, temperature-resistant
- Protected against dust and water spray thanks to rubber seal in the interior



Scope of delivery:

- 1 plaster reel DIN 13019-A, 5 m x 2.5 cm
- 8 adhesive plasters DIN 13019-E, 10 x 6 cm
- 1 dressing set comprising: 4 fingertip dressings, 4 finger dressings 12 x 2 cm, 4 plaster strips 1.9 x 7.2 cm, 8 plaster strips 2.5 x 7.2 cm
- 1 dressing sachet DIN 13151-K
- 3 dressing sachets DIN 13151-M
- 1 dressing sachet DIN 13151-G
- 1 bandage DIN 13152-A
- 6 compresses 100 mm x 100 mm
- 2 eye compresses
- 1 instant cold compress
- 1 thermal blanket, metallised polyester film
- 2 fixation bandages DIN 61634-FB 6
- 2 fixation bandages DIN 61634-FB 8
- 2 triangular cloths DIN 13168-D
- 1 pair of scissors DIN 58279-B190
- 2 film bags, sealable, 300 x 400 mm
- 5 non-woven fabric cloths, 200 x 300 mm, 15 g/m2
- 4 disposable gloves in line with DIN EN 455
- 1 first aid guide
- 1 first aid log
- 1 contents list

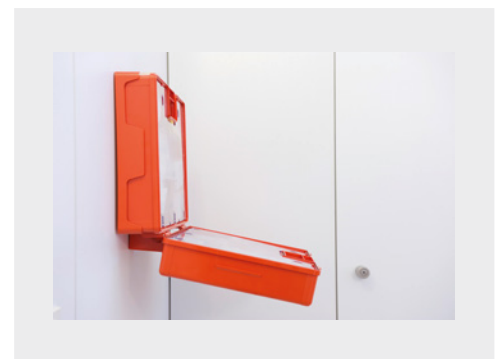
Length	280 mm
Width	220 mm
Height	110 mm

Art. No. 0899 520 6

P. Qty.: 1

Spare parts	Art. No.
Refill pack for first-aid kit	0899 520 100

Details/Application



Refill pack for first-aid kit

Contents in accordance with DIN 13157

Contents: 66 pieces

- 1 plaster reel DIN 13019-A, 5 m x 2.5 cm
- 8 adhesive plasters DIN 13019-E, 10 x 6 cm
- 1 dressing set comprising:
 - 4 fingertip dressings
 - 4 finger dressings 12 x 2 cm
 - 4 plaster strips 1.9 x 7.2 cm
 - 8 plaster strips 2.5 x 7.2 cm
- 1 dressing sachet DIN 13151-K
- 3 dressing sachets DIN 13151-M
- 1 dressing sachet DIN 13151-G
- 1 bandage DIN 13152-A
- 6 compresses 100 mm x 100 mm
- 2 eye compresses
- 1 instant cold compress
- 1 thermal blanket, metallised polyester film
- 2 fixation bandages DIN 61634-FB 6
- 2 fixation bandages DIN 61634-FB 8
- 2 triangular cloths DIN 13168-D
- 1 pair of scissors DIN 58279-B190
- 2 film bags, sealable, 300 x 400 mm
- 5 non-woven fabric cloths, 200 x 300 mm, 15 g/m²
- 4 disposable gloves in line with DIN EN 455
- 1 first aid guide
- 1 first aid log
- 1 contents list



DIN	13157, 13169
Shelf life from production	60 Month

Art. No. 0899 520 100

P. Qty.: 1

Related products	Art. No.
First-aid case, DIN 13169	0899 520 15
First-aid case, DIN 13157	0899 520 6

Details/Application

For restocking first-aid kits in accordance with DIN 13157 and DIN 13169

First-aid cases

- Filling according to DIN
- Suitable for stationary and mobile use
- Incl. wall holder with 90° locking mechanism
- Easy to find what you need thanks to flexible interior compartments and Plexiglas cover
- High-strength ABS plastic
- Resistant to deformation, impact-proof, temperature-resistant
- Protection against dust and water spray thanks to rubber seal in the interior

Commercial and administrative companies are subject to the statutory provisions of the Workplace Ordinance and the Accident Prevention Regulations (German abbreviation: UVV). In the workplaces, the equipment necessary for first aid must be available. It must be easily accessible when needed and protected against contamination, moisture and high temperatures. The storage places for first aid equipment must be identified as such. First aid kits should be distributed in the working area in such a way that they are at least 100 m away from permanent workplaces or at least one floor height. The first aid equipment must be replaced at the expiry date.

When a first aid kit/case according to DIN 13157/DIN 13169 must be available:			
Type of company	Number of employees	First aid kit/case	
		small, DIN 13157	large, DIN 13169
Production and manufacturing companies and similar	1-20	1	-
	21-100	2	1
	from 101	4	2
	for every 100 additional employees, plus	2	1
Administrative and trading companies	1-50	1	-
	51-300	2	1
	from 301	4	2
	for every 300 additional employees, plus	2	1
Construction sites and organisations similar to construction sites	1-10	1	-
	11-50	2	1
	from 51	4	2
	for every 50 additional employees, plus	2	1
A large first aid kit according to DIN 13169-E can be replaced by two small ones.			

First-aid case, DIN 13169

Suitable for stationary and mobile use

- Includes wall holder with 90° locking mechanism
- Easy to find what you need thanks to flexible interior compartments and Plexiglas cover
- High-strength ABS plastic
- Resistant to deformation, impact-proof, temperature-resistant
- Protected against dust and water spray thanks to rubber seal in the interior



Scope of delivery:

- 2 plaster reels DIN 13019-A, 5 m x 2.5 cm
- 16 adhesive plasters DIN 13019-E, 10 x 6 cm
- 2 dressing sets comprising: 4 fingertip dressings, 4 finger dressings 12 x 2 cm, 4 plaster strips 1.9 x 7.2 cm, 8 plaster strips 2.5 x 7.2 cm
- 2 dressing sachets DIN 13151-K
- 6 dressing sachets DIN 13151-M
- 2 dressing sachets DIN 13151-G
- 2 bandages DIN 13152-A
- 12 compresses 100 mm x 100 mm
- 4 eye compresses
- 2 instant cold compress
- 2 thermal blankets, metallised polyester film
- 4 fixation bandages DIN 61634-FB 6
- 4 fixation bandages DIN 61634-FB 8
- 4 triangular cloths DIN 13168-D
- 1 pair of scissors DIN 58279-B190
- 4 film bags, sealable, 300 x 400 mm
- 10 non-woven fabric cloths, 200 x 300 mm, 15 g/m2
- 8 disposable gloves in line with DIN EN 455
- 1 first aid guide
- 1 first aid log
- 1 contents list

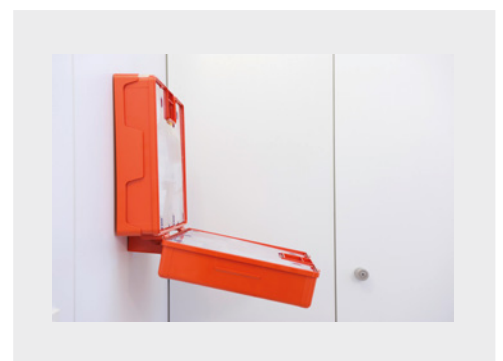
Length	445 mm
Width	320 mm
Height	150 mm

Art. No. 0899 520 15

P. Qty.: 1

Spare parts	Art. No.
Refill pack for first-aid kit	0899 520 100

Details/Application



Combination first-aid bag

Space-saving vehicle combi bag with bandaging material in accordance with DIN 13164 as well as European warning triangle

Scope of delivery:

- 1 adhesive plaster coil DIN 13 019 - A; 5x 2.5 cm
- 1 plaster assortment, 14 pcs, DIN 13 019
- 2 skin cleansing wipes
- 1 dressing sachet DIN 13 151 - K
- 2 dressing sachets DIN 13 151 - M
- 1 dressing sachet DIN 13 151 - G
- 1 bandage DIN 13 152 - A
- 1 bandage DIN 13 152 - BR
- 3 fixation bandages DIN 61 631 - MB - 8 ZW/BW 8cm x 4m
- 2 fixation bandages DIN 61 631 - MB - 6 ZW/BW 6cm x 4m
- 3 compresses 100 x 100 mm; 1x2 pcs.; paper according to DIN 58953 - 2
- 2 triangular bandages DIN 13 168 - D
- 1 pair of scissors DIN 58 279 - A 145
- 1 gold/silver thermal blanket 1600 x 2100 mm
- 4 gloves made of vinyl, made of PVC, seamless, large
- 1 first aid booklet in 6 languages
- 1 contents list



High-quality nylon bag with water-repellent coating and zip on three sides

Length	435 mm
Width	100 mm
Height	75 mm
DIN	13164

Art. No. 0899 520 9

P. Qty.: 1

First-aid kit for car

First aid kit complies with DIN 13164

Scope of delivery:

- 1 x roll of adhesive plaster, DIN 13019-A; 5 x 2.5 cm
- 1 x plaster assortment, 14 pieces, DIN 13019
- 2 x skin cleaning wipes
- 1 x dressing sachet, DIN 13151-K
- 2 x dressing sachet, DIN 13151-M
- 1 x dressing sachet, DIN 13151-G
- 1 x bandage, DIN 13152-A
- 1 x bandage, DIN 13152-BR
- 3 x elasticated bandage, DIN 61 631-MB-8, rayon/cotton, 8 cm x 4 m
- 2 x elasticated bandage, DIN 61 631-MB-6, rayon/cotton, 6 cm x 4 m
- 3 x compress, 100 x 100 mm; 1 x 2 pieces; paper in accordance with DIN 58953-2
- 2 x triangular bandage, DIN 13168-D
- 1 x scissors, DIN 58279-A-145
- 1 x thermal blanket, gold/silver, 1600 x 2100 mm
- 4 x vinyl gloves, made of PVC, seamless
- 1 x first aid brochure, 6 languages
- 1 x contents list

DIN	13164
Length	255 mm
Width	166 mm
Height	80 mm
Box material	ABS

Art. No. 0899 520 7

P. Qty.: 1



Details/Application



Motorcycle first-aid pouch

First-aid bag, DIN 13167

Scope of delivery:

- 1 x coil of adhesive plaster DIN 13019-A; 5 m x 2.5 cm
- 1 x Plaster assortment, 14 pieces, DIN 13019
- 2 x skin cleaning wipes
- 1 x first-aid kit DIN 13151-M
- 1 x first-aid kit DIN 13151-G
- 1 x dressing cloth DIN 13152-A, 60 x 80 cm
- 1 x rescue blanket 210 x 160 cm, silver/gold
- 1 x scissors DIN 58279-A, 145
- 1 x vinyl gloves according to DIN EN 455
- 1 x first aid brochure
- 1 x table of contents



Pouch made from high-quality nylon material with interior PVC coating and zip fastening

Length	195 mm
Width	135 mm
Height	40 mm

Art. No. 0988 05 455

P. Qty.: 1

Notice

Mandatory in Austria, for example

Plaster dispenser

For quickly attending to minor injuries

Individually packaged, flexible fabric plasters

High degree of hygiene even in dirty environments

Easy dispensing:

- Can be operated with one hand
- Plaster is easy to unwrap from the packaging
- Plaster can be applied immediately

Easy to refill

Quick and easy installation

Width	35 mm
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Colour	Length	Height	Art. No.	P. Qty.
Green, White	230 mm	135 mm	0899 520 150	1
Transparent	130 mm	85 mm	0899 520 153	1

Details/Application



Plaster strips

Suitable for single use and for replenishing plaster dispensers

- Rapid first aid for minor injuries
- Individually packaged flexible fabric plasters

Number of pieces	45 PCS
------------------	--------

Art. No. 0899 520 151

P. Qty.: 1



Details/Application

Wide range of uses: for work, hobbies and leisure

Plaster strips, long

For quickly attending to minor injuries

- Particularly suitable for finger injuries
- Plasters can be wrapped around the finger several times as they are particularly long
- A flexible, skin-coloured fabric plaster
- The plasters are individually packed and immediately ready for use after removal from the dispenser
- These plasters are suitable for single use as well as for refilling plaster dispensers

Number of pieces	30 PCS
Plaster length	120 mm
Plaster width	20 mm
Shelf life from production/conditions	48 Month/at room temperature



Art. No. 0899 520 106

P. Qty.: 1

Details/Application

- Wide range of uses: for work, hobbies and leisure
- The adhesive bandages can be used to cover and protect smaller wounds such as cuts, scratches or abrasions.

Related products	Art. No.
Plaster dispenser Green White	0899 520 150
Plaster dispenser Transparent	0899 520 153

Capable of detecting plaster strips blue contains metal

With blue metal threads for detectability in the food sector

- Fast first-aid in case of minor injuries
- Individually packaged, flexible fabric plasters
- Suitable for refilling the plaster dispenser and for individual use
- Contents: 45 plaster strips
- Wide range of uses: for work, hobbies and leisure

Number of pieces	45
Plaster length	100 mm
Plaster width	110 mm
Shelf life from production/conditions	24 Month/at room temperature



Art. No. 0899 520 152

P. Qty.: 1

Related products	Art. No.
Plaster dispenser	0899 520 150
Plaster dispenser	0899 520 153

Adhesive-free plaster Elast latex-free

Adhesive-free plaster for all wounds and cuts.

No adhesive

- Does not stick to skin, hair, or wounds
- No residue

Self-adhesive (only sticks to itself)

Excellent bonding even on wet, oily and dirty skin

Absorbent, soaks up blood

Highly elastic

Good freedom of movement

Skin-friendly

Number of pieces	1 PCS
Plaster length	450 cm
Shelf life from production/conditions	60 Month/at 15°C to 25°C

Plaster width	Art. No.	P. Qty.
3 cm	0899 512 240	1
6 cm	0899 512 24	1

Related products for	Designation	Art. No.
0899 512 24	Dispenser	0899 512 23



Blue, adhesive-free plaster Elast latex-free

Adhesive-free plaster for all wounds and cuts, optimum hold even in food-processing areas

No adhesive

- Does not stick to skin, hair, or wounds
- No residue

Self-adhesive (only sticks to itself)

Excellent bonding even on wet, oily and dirty skin

Absorbent, soaks up blood

Highly elastic

Good freedom of movement

Skin-friendly

Visually discernible for working in food industries

Subtle

Number of pieces	1 PCS
Plaster length	450 cm
Shelf life from production/conditions	60 Month/at 15°C to 25°C

Plaster width	Art. No.	P. Qty.
3 cm	0899 512 250	1
6 cm	0899 512 25	1

Related products for	Designation	Art. No.
0899 512 25	Dispenser	0899 512 23



Dispenser

For adhesive-free latex-free plasters

Optimum availability

Rapid wound care

Hygienic storage

Integrated blade for cutting plasters

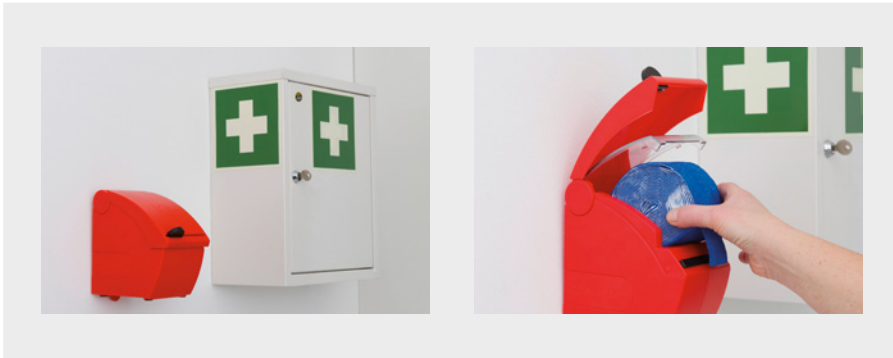
Colour	Red
Length	280 mm
Height	170 mm
Width	170 mm

Art. No. 0899 512 23

P. Qty.: 1



Details/Application



Related products	Art. No.
Adhesive-free plaster Elast latex-free	0899 512 24
Blue, adhesive-free plaster Elast latex-free	0899 512 25



Finger bandage

For covering skin injuries on fingers

Length	12 cm
Width	2 cm
Number of pieces	20 PCS

Art. No. 0899 520 101

P. Qty.: 1



Eye rinse solution

Handy bottle with sterile sodium chloride solution (0.9%)

- Ergonomically shaped eye cup
- The bottle is especially suitable for mobile use in the workplace and for refilling wall stations and wall-mounted emergency boxes

Contents	500 ml
Chemical basis	Sterile sodium chloride solution (0.9%)
Range of applications	For rinsing foreign bodies.
Recommended rinsing time	approx. 5 minutes
Shelf life from production	36 Month



Art. No. 0899 511 906

P. Qty.: 1 / 12

Details/Application

To flush out foreign objects such as dust, dirt, splinters.

Proof of performance

In accordance with DIN EN 15154-4

Eye rinsing station

Compact eye rinsing station for local use

Available quickly

Scope of delivery:

- Wall station consisting of 1x eye rinse solution, 500 ml
- Wall bracket with pictograms and mirror

Shelf life from production	36 Month
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Art. No. 0899 511 905

P. Qty.: 1

Details/Application

For stationary use at smaller work stations

Proof of performance

In accordance with DIN EN 15154-4

Spare parts	Art. No.
Eye rinse solution	0899 511 906

Neutralising eye rinse solution

Handy bottle with sterile phosphate solution (4.9%) which has a neutralising effect when there is a risk of chemical burns

- Ergonomically shaped eye cup
- The bottle is especially suitable for mobile use at workstations or for refilling wall stations or wall-mounted first-aid boxes



Contents	200 ml
Chemical basis	Sterile phosphate buffer solution (4,9%)
Range of applications	To neutralize acids and a variety of alkali., Rinse until the bottle is empty., Continuation of rinsing with the Würth Eye Irrigation.
Recommended rinsing time	approx. 2 minutes
Shelf life from production	36 Month

Art. No. 0899 511 921

P. Qty.: 1

Notice

Rinse eyes until the bottle is empty. Continue rinsing with the Würth eye wash solution until medical treatment is sought.

Details/Application

For rinsing out acids and many alkaline substances.

Emergency station for eyes

In a dust-proof wall-mounted box

Scope of delivery:

- Eye rinse solution, 500 ml
- Neutralising eye rinse solution, 200 ml
- Mirror and emergency plan for eyes

Contents	700 ml
Chemical basis	Sodium chlorite
Shelf life from production	36 Month

Art. No. 0899 511 920

P. Qty.: 1

Details/Application

For stationary use at work stations that present dangers to the eyes as a result of acids, alkalis or contaminants, such as dust, dirt and chippings.



Spare parts	Art. No.
Eye rinse solution	0899 511 906

Emergency plan for eyes

Important! For all damages, the eye should be rinsed with a soft and even jet. Squeeze the eye rinsing bottle only slightly during rinsing. Seek medical advice for any eye injury or dirt. Rinsing should be continued during transport to the doctor's.

1 Identify the harmful substance	2 Choose the right bottle and rinsing solution	3 Continue rinsing	4 Rinse, as indicated
Foreign particles e.g. dust, dirt, metal and wood splinters	Eye rinsing solution	Eye rinsing solution	Rinse until all foreign particles are removed.
Acids	Neutralising eye rinsing solution	Eye rinsing solution	Rinse the eyes with a neutralising eye solution for 2 minutes until the bottle is empty. Continue rinsing with the eye rinsing solution until medical treatment is sought.
Alkalies	Neutralising eye rinsing solution	Eye rinsing solution	Rinse the eyes with a neutralising eye solution for 2 minutes until the bottle is empty. Continue rinsing with the eye rinsing solution until medical treatment is sought.
Other chemicals e.g. solvents and oils	Eye rinsing solution	Eye rinsing solution	Rinse the eyes until the unpleasant feeling can no longer be felt. Continue rinsing with the eye rinsing solution until medical treatment is sought.

High-vis vest

With Velcro fastening

- Two all-round reflective strips 5 cm wide
- Individually packed in polythene bags

ISO	20471:2013
Material	100% polyester



Colour	Size	EN standard	Art. No.	P. Qty.
Yellow	45 x 50 cm (child)	1150	0824 403 110	1/100
Yellow	XL		0824 403 050	50
Yellow	XL		0824 403 100	100
Yellow	XL		0899 078 002	1
Orange	XL		0899 078	1

Details/Application

Road and rail traffic, hazard zones, construction industry, road construction and surveying

Notice

To be carried in all cars, trucks, tractors, tractor trailers and buses

Environmental protection set

The Würth environmental protection set contains all items of equipment that are required under the heading „Equipment for protecting the environment“.

The regulations for transporting subject to compulsory identification in accordance with hazardous goods legislation specifies issuing of additional items of equipment. This covers the items of equipment named in the accident information leaflets.

Supplied in a practical packing bucket

Scope of delivery:

- 1 drain cover
- 1 suitable shovel
- 1 broom
- 1 suitable bonding agent
- 1 suitable collection container for smaller quantities. (max. 5 ltr.)



Supplied in a practical packing bucket

Length	394 mm
Width	288 mm
Height	159 mm
Number of pieces	5 PCS

Art. No. 0899 964 5

P. Qty.: 1

Details/Application

Unit load carriage, tankers, contract workshops, hazardous goods carriage, Dekra and TÜV branches

The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.

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HEAD PROTECTION

TO BE ON THE SAFE SIDE!

The comfortable protective helmets offer many possibilities for combination. The comprehensive range of protective helmets extends from the standard hard hat to special safety helmets with face protection and protective visors or even electrician's safety helmets and working-at-height helmets. Individual wishes and requirements are met.



Hard hat SH 2000-S

Comfortable hard hat with internal dial adjustment

Optimum safety

Neck protector extended downwards

Optimum, quick width adjustment

Dial system

Unobstructed upwards view

Short helmet peak

Easy to carry

- 6-point fabric lining and individually controlled ventilation openings on the front and back
- Low weight

Good combination options

30 mm pockets enable attachment of hearing protection

Tested in line with EN 397 with supplementary requirements

- Suitable for very low temperatures down to -30 °C
- Protects against weld spatter (MM = molten metal)



Min./max. size	52 cm-61 cm
Interior equipment helmet	6-point
EN standard	397
Min. temperature conditions	-30 °C
Material	PE - Polyethylene

Colour	Art. No.	P. Qty.
Blue	0899 200 245	1
Red	0899 200 256	1
White	0899 200 243	1
Yellow	0899 200 244	1

Spare parts	Art. No.
Sweatband	0899 200 249

Related products	Art. No.
Standard visor	0899 200 237
Chin strap, 4-point	0899 200 248
Ear defenders	0899 200 259
Winter hood	0899 200 293
Neck protector	0899 200 296
Helmet adapter	0899 200 297

Standard visor

For hard hat SH 2000-S

Easy to mount and remove

The magnetic fastenings make it possible to detach the visor, without having to remove the whole apparatus.

Material	Polycarbonate - PC
Colour	Clear



Art. No. 0899 200 237

P. Qty.: 1

Details/Application



Ear defenders

For hard hat SH 2000-S

Easy to mount and remove

The magnetic fastenings enable easy attachment to the visor.

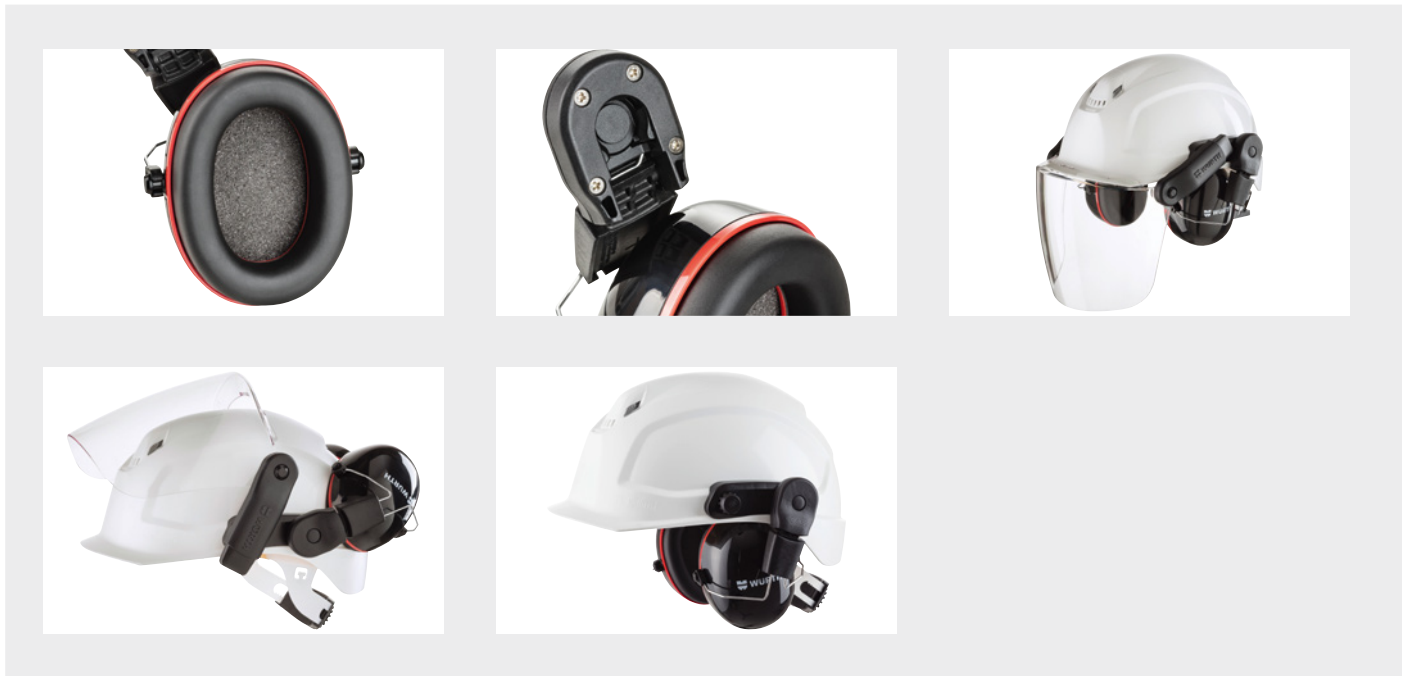
SNR attenuation value	27 dB
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Art. No. 0899 200 259

P. Qty.: 1



Details/Application



Notice

No helmet adapter included. The hearing protection can only be attached to the helmet in combination with a visor.

Related products	Art. No.
Helmet adapter	0899 200 297

Winter hood

Ideal for work in the cold that requires a helmet, as the helmet sits securely on the hood.

- Windproof and water-repellent outer material
- Circumferential reflector band
- Side mesh in the ear area increases the wearer's attention to environmental influences
- Warm fleece inner lining

Colour	Yellow
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Art. No. 0899 200 293

P. Qty.: 1



Details/Application



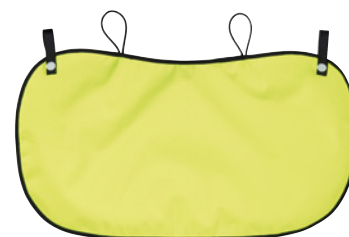
Neck protector

Optimum protection of the neck area when working with SH 2000 hard hats.

Material	100% polyester
----------	----------------

Art. No. 0899 200 296

P. Qty.: 1



Helmet adapter

Practical adapter for SH 2000 hard hats used for attaching ear plugs and visors.

Easy to mount and remove

The magnetic fastenings make it possible to detach the visor, without having to remove the whole apparatus.

Material	PE - Polyethylene
----------	-------------------

Art. No. 0899 200 297

P. Qty.: 2



Hard hat SH 2000-S Pro

Comfortable hard hat with internal dial adjustment and pre-mounted 4-point chin strap

Safe fit and maximum safety

- High-quality 4-point chin strap
- Drop-down neck protection

Optimum rapid width adjustment with dial system

Unobstructed upwards view thanks to short helmet shield

Extremely comfortable to wear

- 6-point fabric lining and individually controlled ventilation openings on the front and back
- Low weight

Easy to combine with other equipment

- 30 mm pockets enable attachment of hearing protection
- A clip ensures safe attachment of full-vision goggles and other attachments with elastic bands

Tested according to EN 397 with supplementary requirements

- Suitable for very low temperatures down to -30 °C
- Protects against weld spatter (MM = molten metal)

Colour	White
Min./max. size	52 cm-61 cm
Interior equipment helmet	6-point
EN standard	397
Min. temperature conditions	-30 °C
Material	PE - Polyethylene

Art. No. 0899 200 235

P. Qty.: 1



Related products	Art. No.
Standard visor	0899 200 237
Chin strap, 4-point	0899 200 248
Ear defenders	0899 200 259
Winter hood	0899 200 293
Neck protector	0899 200 296
Helmet adapter	0899 200 297
Full-vision goggles WEGA®	0899 102 116

Details/Application



Spare parts for	Designation	Art. No.
0899 200 235	Chin strap, 4-point	0899 200 248
	Sweatband	0899 200 249

Chin strap, 4-point

For hard hat SH 2000

Material	Plastic
Colour	Black



Art. No. 0899 200 248

P. Qty.: 1

Sweatband

For hard hat SH 2000/working-at-height helmet

Material	Faux leather
Colour	Skin-coloured



Art. No. 0899 200 249

P. Qty.: 10

Electrician's helmet SH-E 2000-S

Comfortable electrician's hard hat with internal dial adjustment

Helmet shell is completely closed, so suitable for use by electricians

In accordance with EN 397 and EN 50365 (1000 VAC)

Optimum, quick width adjustment

Dial system

Unobstructed upwards view

Short helmet peak

Optimum fit and comfort

6-point textile suspension harness

Compatible with visors and ear defenders

Adapter system and side Euroslot adapters

Tested in line with EN 397 with supplementary requirements

- Suitable for very low temperatures down to -30 °C
- Protects against weld spatter (MM = molten metal)



Colour	White
Min./max. size	52 cm-61 cm
Interior equipment helmet	6-point
EN standard	397, 50365
Min. temperature conditions	-30 °C
Material	PE - Polyethylene

Art. No. 0899 200 236

P. Qty.: 1

Spare parts	Art. No.
Sweatband	0899 200 249

Related products	Art. No.
Electrician's visor SLB 1	0899 200 238
Electrician's visor SLB 2	0899 200 239

Electrician’s visor SLB 1

Arc fault class 1 visor for electrician’s hard hat SH-E 2000-S

Easy to mount and remove

The magnetic fastenings make it possible to detach the visor, without having to remove the whole apparatus.

Material	Polycarbonate - PC
Colour	Clear



Art. No. 0899 200 238

P. Qty.: 1

Details/Application



Electrician's visor SLB 2

Arc fault class 2 visor for electrician's hard hat SH-E 2000-S

Easy to mount and remove

The magnetic fastenings make it possible to detach the visor, without having to remove the whole apparatus.

Material	Polycarbonate - PC
Colour	Blue

Art. No. 0899 200 239

P. Qty.: 1

Details/Application



Hard hat SH-6

Helmet shell extended downwards for neck protection

Optimum protection

Special structure reinforces the shell at all critical points

Comfortable to wear, maximum wearer acceptance

Low weight

Circumferential rain groove for directed water run-off

Ventilation holes for „good climate“ under the helmet

30-mm insert pockets for hearing protection

Long, circumferential sweatband made from especially absorbent fleece material

Attachment points for chin strap

Quick release closure for optimum adjustment to head size

Additional qualification: Approved as a cold-use hard hat down to -30°C



Min./max. size	52 cm-62 cm
Interior equipment helmet	6-point
EN standard	397
Min. temperature conditions	-30 °C

Colour	Art. No.	P. Qty.
White	0899 200 71	1
Yellow	0899 200 70	1

Related products	Art. No.
Chin strap	0899 201 200
Cold protection	0899 201 210

Impact cap

Sporty head protection with a modern baseball cap design for any applications with a risk of impact to the head.

- Upper material: 100% cotton
- Hard plastic shell
- Foam padding on the shell and built-in ventilation holes for comfort
- Adjustable with riptape fastening
- Built-in sweatband
- Covering washable at up to 30°C



Min./max. temperature conditions	-30 to 50 °C
EN standard	812
Min./max. size	54 cm-59 cm

Colour	Art. No.	P. Qty.
Black	0899 200 981	1
Dark blue	0899 200 980	1
Grey	0899 200 986	1

Details/Application

Mechanics, electricians and installers; automotive industry; work on lifting platforms, on shelves and in warehouses; interior design work and many other uses. Wherever the head needs protecting from impacts.



Notice

The impact caps are designed to protect the wearer from light impacts and scratches. They do not protect against the effects of falling or thrown objects or moving, hanging loads. Under no circumstances may the impact cap be used in place of an industrial hard hat in accordance with EN 397.

Cold protection

For hard hats

Art. No. 0899 201 210

P. Qty.: 1



Chin strap

Leather

Material	Leather
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Art. No. 0899 201 200

P. Qty.: 1

Professional forest helmet combination

This forest-worker helmet combination meets the needs of professional forestry workers, providing effective protection, good ventilation, comfort and optimum visibility.

Effective helmet ventilation thanks to the large number of widely distributed ventilation holes

High level of safety thanks to special UV-stabilised ABS plastic and special geometry

Optimum vision thanks to short peak and professional visor

The visor, made from rustproof alloyed metal with a patented mesh design, offers maximum light transmission and improved resistance

Visor:

- Visor made from rustproof, low-reflective black powder-coated etched metal
- Light transmission: max. 82%
- Protection class „S“ for improved resistance
- Tested in accordance with EN 1731
- Improved protection against sawdust

Ear defenders:

- In accordance with EN 352-3
- Outstanding insulating properties and extremely comfortable to wear

SNR attenuation value	28 dB
L attenuation value	16 dB
M attenuation value	26 dB
H attenuation value	35 dB
EN standard	397

Art. No. 0899 200 150

P. Qty.: 1

Proof of performance

Tested and recognised by the FPA (German Forestry Testing Commission)



Details/Application



OCCUPATIONAL SAFETY

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PROTECTIVE SUITS

PROTECTIVE OVERALLS KEEP DIRT, LIQUIDS AND DUST AWAY

Disposable overalls with hood are commonly known from professional painters. Robust, tear-resistant suits are also indispensable for painting, plastering and grinding work. Important criteria are for example the freedom of movement and the tear resistance.



Disposable protective suit Coverall-Pro 4/5/6

Effective protection against chemicals, dirt and moisture

- Protective suit CE-CAT III, type class 4 + 5 + 6
- Anti-static in accordance with EN 1149-1, prevents static charge and minimises safety risks
- Outstanding protection against particles, dust and splashes of liquid
- Liquid-repellent, including against petroleum products
- Entirely lint-free
- Tear-resistant and wear-resistant, even when wet
- Lightweight and comfortable, full freedom of movement
- Self-stopping zip prevents accidental opening and reduces safety risks
- Self-adhesive zip cover



Design

With hood, zip closure and elasticated bands around the hood and cuff openings and in the back

Colour	White
Material	PP - Polypropylene

Size	Min./max. chest size	Suitable for min./max. body size	Art. No.	P. Qty.
M	92-100 cm	168-176 cm	0899 021 222	1/25
L	100-108 cm	174-182 cm	0899 021 223	1/25
XL	108-116 cm	182-188 cm	0899 021 224	1/25
XXL	116-124 cm	188-194 cm	0899 021 225	1/25
3XL	122-172 cm	194-200 cm	0899 021 226	1/25

Details/Application

Universal chemical protective suite and hygienic suit for agriculture, skilled trades and industrial applications, e.g.: Automotive and body repair workshops, paintwork, waste disposal and asbestos disposal operations, construction industry, mining, chemical industry, printing industry, wood processing, industrial cleaning, agriculture.

Breathable protective suit Breathable 5/6 Coverall Pro

Disposable suit with good protection capacity, approved according to type 5-6

Comfortable and offering wide coverage

- Breathable fabric on the back, neck, and in the crotch
- Knitted cuffs
- Elasticated hood, ankles and waist

Colour	White
Material	Polypropylene/polyethylene/ethylene vinyl acetate

Size	Art. No.	P. Qty.
L	0899 021 523	1/25
XL	0899 021 524	1/25
XXL	0899 021 525	1/25
3XL	0899 021 526	1/25



Details/Application

Protects against dry dust particles, limited liquid splashing and spray mist.

Notice

Category III



Disposable protective suit Pro 5/6 coverall

Excellent protection against particles, dusts and liquid splashes.

Protective suit CAT 3, type class 5 + 6

Prevents static charge

Anti-static as per EN 1149-1

Ideal for painting work

Lint-free

Robust

- Tear and abrasion-resistant
- Above average liquid repellent characteristics, even with mineral oil products

Increased freedom of movement and comfortable

with soft, textile fabric

Prevents unintentional opening

Self-stopping zip

Elasticated bands around hood, cuffs and leg cuffs and in the back



Colour	White
Material	PP - Polypropylene

Notice

Can be used during asbestos disposal.

Size	Min./max. chest size	Suitable for min./max. body size	Art. No.	P. Qty.
M	92-100 cm	168-176 cm	0899 021 212	1/25
L	100-108 cm	174-182 cm	0899 021 213	1/25
XL	108-116 cm	182-188 cm	0899 021 214	1/25
XXL	116-124 cm	188-194 cm	0899 021 215	1/25
3XL	124-132 cm	194-200 cm	0899 021 216	1/25

Details/Application

Car repair shops and body shops, paintwork and surface treatment, waste disposal companies, asbestos disposal, construction industry, mining, chemical industry, printing industry, wood processing, industrial cleaning, agriculture, medicine, pharmaceuticals industry, tank cleaning and cleanrooms.

Disposable protective suit W14

To protect against light contamination

- Disposable protective suit, category 1
- Elasticated band around the hood, sleeves, ankles and back area
- Easy protection for workplaces free of harmful substances



Colour	Blue
Material	Polypropylene material

Size	Art. No.	P. Qty.
L	0899 021 243	1/25
XL	0899 021 244	1/25
XXL	0899 021 245	1/25
3XL	0899 021 246	1/25

Details/Application



Reusable painting suit

Hood and drawstring

- Silicone-free
- 100% polyester
- Antistatic and lint-free
- Breathable
- Elasticated sleeves, ankles and waist
- Two-way zip with cover
- Washable up to 40°C or dry clean

Material	PES - Polyester
Colour	Blue
Silicone-free	Yes

Size	Art. No.	P. Qty.
L	0899 025 011	1
XL	0899 025 012	1
XXL	0899 025 013	1

Details/Application

Automotive and body workshops, painting, corrosion protection and surface treatment.



Proof of performance

Category I in accordance with PPE guideline

TYVEK® protective suit Classic Xpert

Ideal combination of protection, durability and comfort. Innovative, ergonomic design for optimum freedom of movement.

Material

- High degree of resistance to wear and tear
- Anti-static on both sides
- Silicon-free
- Breathable: Permeable to air and water vapour

Design

- The hood surrounds the face perfectly.
- The hood has an ideal design for use with breathing protection masks.
- The sleeves fit perfectly, even when working overhead.

Outstanding protection

- Against solid, airborne particles
- To a limited extent against liquids

Colour	White
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Size	Art. No.	P. Qty.
S	0899 020 121	5
M	0899 020 122	5
L	0899 020 123	5
XL	0899 020 124	1/5
XXL	0899 020 125	5



Details/Application



Details/Application

Car repair shops and body shops, painting shops, corrosion protection and surface treatment, waste disposal companies, asbestos disposal, processing fibreglass-reinforced plastics, wood and metal processing, industrial cleaning, tank cleaning, printing industry, construction industry, chemical industry, food processing industry, mining, agriculture, medicine, pharmaceuticals industry and cleanrooms.

Proof of Performance



TYVEK® is a registered trademark of E. I. DuPont de Nemours & Company, US.

Disposable protective clothing

Asatex dirt protection overall PP-1L

- Breathable
- Elasticated around the face for optimum hood adjustment
- Elasticated waist
- Elasticated arm and leg hems
- Zip cover



Colour	White
Material	Polypropylene, polyester, polyethylene foil

Size	Art. No.	P. Qty.
M	1931 010 024	50
L	1931 010 025	50
XL	1931 010 026	50
XXL	1931 010 027	50
3XL	1931 010 028	50
4XL	1931 040 420	50

Disposable protective clothing

Asatex dirt protection overall PP-3

- Breathable
- Elasticated around the face for optimum hood adjustment
- Elasticated waist
- Elasticated arm and leg hems
- Zip cover



Colour	Blue
Material	Polypropylene, polyester, polyethylene foil

Size	Art. No.	P. Qty.
M	1931 010 039	50
L	1931 010 040	50
XL	1931 010 041	50
XXL	1931 010 042	50
3XL	1931 010 043	50

Disposable protective clothing

Asatex CoverBase® chemical protective overall SMS-1

- Three-piece hood
- Elasticated hood for optimum hood adjustment
- External seams
- Crotch insert (gusset)
- Elasticated waist
- Elasticated arm and leg hems
- Zip cover

Colour	White
Material	Fleece



Size	Art. No.	P. Qty.
M	1931 010 054	1
L	1931 010 055	50
XL	1931 010 056	1
XXL	1931 010 057	1
3XL	1931 010 058	1
4XL	1931 010 059	50

Disposable protective clothing

Asatex CoverBase® chemical protective overall SMS-3

- Three-piece hood
- Elasticated hood for optimum hood adjustment
- External seams
- Crotch insert (gusset)
- Elasticated waist
- Elasticated arm and leg hems
- Zip cover

Colour	Blue
Material	Fleece



Size	Art. No.	P. Qty.
M	1931 010 070	50
L	1931 010 071	50
XL	1931 010 072	50
XXL	1931 010 073	50
3XL	1931 010 074	50
4XL	1931 010 075	50

Disposable protective clothing

Asatex CoverTex® chemical protective overall C-1

- Breathable
- Three-piece hood with elastic for optimum hood adjustment
- External seams
- Crotch insert (gusset)
- Elasticated waist and cuffs and leg hems
- Zip cover
- Antistatic



Colour	White, Green
Material	PP - Polypropylene

Size	Art. No.	P. Qty.
M	1931 040 421	50
L	1931 040 422	50
XL	1931 040 423	50
XXL	1931 040 424	50
3XL	1931 040 425	50
4XL	1931 040 426	50

Disposable protective clothing

Asatex CoverTex® chemical protective overall C-3

- Breathable
- Three-piece hood with elastic for optimum hood adjustment
- External seams
- Crotch insert (gusset)
- Elasticated waist and cuffs and leg hems
- Zip cover
- Antistatic



Colour	Blue, Green
Material	PP - Polypropylene

Size	Art. No.	P. Qty.
M	1931 040 427	50
L	1931 040 428	50
XL	1931 040 429	50
XXL	1931 040 430	50
3XL	1931 040 431	50
4XL	1931 040 432	50

Disposable protective clothing

Asatex CoverStar CS500

- Elasticated sleeves, ankles and waist
- Three-piece hood
- Elasticated hood for optimum adjustment
- Three-piece leg gusset
- 2-way zipper
- Double zipper cover with 3-point hook-and-loop closure
- Thumb loops
- Anti-static



Colour	White
Material	Polypropylene/polyethylene

Size	Art. No.	P. Qty.
XS	1931 040 320	50
S	1931 040 321	50
M	1931 040 322	50
L	1931 040 323	50
XL	1931 040 324	50
XXL	1931 040 325	50
3XL	1931 040 326	50
4XL	1931 040 327	50
5XL	1931 040 328	50

Disposable protective clothing

3M model 4540+

This soft and lightweight protective suit provides excellent protection against particles that are hazardous to health and to a limited extent against liquid splashes.



- Soft and lightweight, laminated micro-porous material that fuzzes extremely little, falls nicely and adapts to the body well, so that freedom of movement is not restricted
- Hood with 3 panels, 2-way zip fastener and wind protection flap with sealable tape, elasticated back and ankle area, in order to minimise the risk of exposed skin
- Knitted cuffs and elasticated waist and ankles for improved comfort and freedom of movement
- Anti-static coating EN 1149-5 reduces the static discharge and minimises the risk of sparking
- EN 1073-2 against radioactive contamination

Colour	White, Blue
Material	PE - Polyethylene

Size	Min./max. chest size	Suitable for min./max. body size	Art. No.	P. Qty.
S	84-92 cm	164-170 cm	1931 040 446	20
M	92-100 cm	167-176 cm	1931 040 447	20
L	100-108 cm	174-181 cm	1931 040 448	20
XL	108-115 cm	179-187 cm	1931 040 449	20
XXL	115-124 cm	186-194 cm	1931 040 450	20
3XL	124-132 cm	194-200 cm	1931 040 451	20
4XL	132-140 cm	200-206 cm	1931 040 452	20

Details/Application

- Painting
- Weed control
- Cleanroom and laboratory work
- Tank and sewer cleaning
- Pest control
- Processing of bitumen
- Asbestos and glass fibre work

Disposable protective clothing

Asatex CoverStar CS550

CoverStar® Cool chemical protection overall

- Elasticated sleeves, ankles and waist
- Three-piece hood
- Elasticated hood for optimum hood adjustment
- Three-piece leg gusset
- Double zip cover
- Back especially breathable thanks to SMMS material
- Antistatic



Colour	White
Material	CoverStar Material®

Size	Art. No.	P. Qty.
S	1931 040 433	50
M	1931 040 434	50
L	1931 040 435	50
XL	1931 040 436	50
XXL	1931 040 437	50
3XL	1931 040 438	50
4XL	1931 040 439	50

Disposable overall Tychem

TYCHEM® C STANDARD MODEL CHA5 Category 3,

Type 3B: EN 14126:2003,

Type 3: EN 14605:2005,

Type 4: EN 14605:2005,

Type 5: EN ISO 13982-1:2004,

Type 6: EN 13034:2005, EN 1149-1:1995

Hooded overalls that protect you from a variety of potent inorganic chemicals and biological hazards.

Can be used in ATEX areas. Resistant to splashing liquids up to 2 bar.

- Particle- and liquid-tight taped seams
- Zip and double-taped protective strip
- Elastic band in the hood, in the cuffs and at the waist
- Flexible thumb loops
- Colour: yellow
- Lightweight but strong: weight <450 g
- Can be disposed of by burning



Colour	Yellow
Material	Tychem C®

Size	Min./max. chest size	Suitable for min./max. body size	Art. No.	P. Qty.
S	84-92 cm	162-170 cm	1931 040 459	25
M	92-100 cm	168-176 cm	1931 040 460	25
L	100-108 cm	174-182 cm	1931 040 461	25
XL	108-116 cm	180-188 cm	1931 040 462	25
XXL	116-124 cm	186-194 cm	1931 040 463	25
3XL	124-132 cm	192-200 cm	1931 040 464	25

Disposable protective clothing

ASATEX Coverchem CC300

Chemical protection overall

- Hood with elasticated drawstring
- Elasticated sleeves and ankles
- Tight mask seal
- Taped seams
- Zip with double bonded cover
- Additional self-adhesive chin cover
- Thumb loops
- Antistatic



Colour	Yellow
Material	CoverChem Material®

Size	Art. No.	P. Qty.
S	1931 010 081	20
M	1931 010 082	20
L	1931 010 083	1
XL	1931 010 084	1
XXL	1931 010 085	1
3XL	1931 010 086	20
4XL	1931 040 440	20
5XL	1931 040 441	20

Details/Application

Main application areas: Dealing with inorganic chemicals and biological hazardous materials

Protective suit, disposable

Tychem F CHA5

TYCHEM® F STANDARD MODEL CHA5 Category 3,
Type 3-B: EN 14605:2005+A1:2009,
Type 4-B: EN 14605:2005+A1:2009,
Type 5-B: EN ISO 13982-1:2004+A1:2010,
Type 6-B: EN 13034:2005 +A1:2009,
EN 1073-2:2002 Cat. 1, EN 1149-1:2006 and EN 1149-5:2008

The chemical-resistant overalls with hood protect against many concentrated non-organic and organic chemicals. Protection against radioactive contaminated particles and biological hazards. Can also be used in ATEX areas, proper grounding provided resistance to splashing liquids up to 5 bar.



- Particle and fluid-resistant sealed seams
- Zip and double-bonded protection strips
- Drawstring in hood, cuffs, waist and ankles
- Elastic thumb loops prevent the sleeves riding up
- Lightweight but strong: Weight: 420 g
- The non-contaminated overalls can be disposed of by incineration
- Shelf life of 10 years
- Sizes S-3XL

Colour	Grey
Material	Tychem F®

Size	Art. No.	P. Qty.
S	1931 040 465	25
M	1931 040 466	25
L	1931 040 467	25
XL	1931 040 468	25
XXL	1931 040 469	25
3XL	1931 040 470	25

Protective suit, disposable

Asatex CoverChem Plus® CP300

Chemical protection overall

- Elasticated hood, elasticated sleeves and ankles
- Tight mask seal
- Taped seams
- Zip with double bonded cover
- Additional self-adhesive chin cover
- Thumb loops
- Antistatic



Colour	Grey
Material	CoverChem Plus®

Size	Art. No.	P. Qty.
L	1931 040 442	15
XL	1931 040 443	15
XXL	1931 040 444	15
3XL	1931 040 445	15

Details/Application

Main application areas: Handling organic and highly concentrated inorganic chemicals and biological hazardous materials

Overshoe

Asatex CoverStar® CSF

- Disposable overshoe
- Low design
- Antistatic
- Elasticated at the ankle

Colour	White
Material	CoverStar Material®



Art. No. 1931 040 471

P. Qty.: 400

Overshoe

Asatex CoverStar® CSF-AR

- Disposable overshoe
- Low design
- Antistatic upper material (excluding sole)
- Reinforced, non-slip sole

Colour	White
Material	CoverStar Material®



Art. No. 1931 040 472

P. Qty.: 200

Protection sleeve

Asatex CoverStar® CAS 45

- Antistatic
- 2-sided elastic

Material	CoverStar Material®
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Art. No. 1931 040 473

P. Qty.: 200



Protection sleeve

Asatex CoverStar® CAS 60

- Antistatic
- 2-sided elastic

Material	CoverStar Material®
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Art. No. 1931 040 474

P. Qty.: 200



Overshoe

Hygiene and dirt protection overshoe for protection against fluids and dirt

Colour	Blue
Size	Universal
Material	PE - Polyethylene

**Art. No. 0899 028 1**

P. Qty.: 100

Details/Application

Cleanrooms, chemical industry, pharmaceuticals, cosmetic manufacturing, food processing

Notice

VE 100 = 100 units

Overshoe with outer sole

Overshoe made from air-permeable polypropylene fleece with non-slip and waterproof outsole

Reusable protective overshoe

The sturdy and tear-resistant material guarantees a long service life

Colour	Blue, White
Size	Universal
Material	Polypropylene/polyethylene

**Art. No. 0899 028 6**

P. Qty.: 50

Details/Application

Skilled trades, interior renovation work, food industry, hospitals

Notice

Packing unit 50 = 50 units



OCCUPATIONAL SAFETY

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OTHER PROTECTIVE EQUIPMENT

SAFETY FIRST

Protective clothing has become indispensable in all areas of trade and industry. No matter whether it serves to protect the clothes, as in case of overshoes, or whether it is the safety clothing prescribed by the employer, such as knee protection – everybody working in assembly or production appreciates appropriate protective clothing.



Knee pads PROFI

For universal use for all kneeling tasks

Certified in accordance with DIN EN 14404

Abrasion-resistant PU surface, very non-slip

Very comfortable

- The pad adapts to the shape of the knee within a short period of time
- Low weight (approx. 250 g/pair), lightweight and safe

No one-sided strain or cutting the hollows of the knees

Thanks to chloroprene straps with universally adjustable, high-quality hook-and-loop fasteners.

Maximum damping despite low material thickness thanks to a 12-mm-thick sandwich design

High-quality material

- 3-mm-thick, waterproof chloroprene stores heat and protects joints and muscles from the cold
- A hard-wearing LYCRA® coating prevents heavy sweating and is quick-drying. The pads can be worn directly on the skin.
- All seams are sewn with elastic thread and are thus extremely resilient yet flexible.



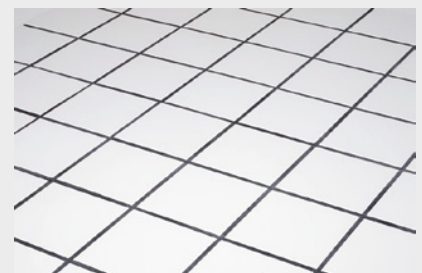
Material	Polyurethane
Material of the fastening strip	Chloropren
Colour	Black
EN standard	14404
Number of pieces	1 Pair

Art. No. 0899 030 10

P. Qty.: 1

Details/Application

Ideal e.g. for: tilers, electricians, roofers, scaffolders, construction workers, metalworkers, installers, mechanics, gardeners



LYCRA® is a registered trademark of Invista, Wilmington.

Knee pads UNI

For working on very hard and rough surfaces

Certified in accordance with DIN EN 14404

Highly abrasion-resistant surface with 600 g/m² Kevlar®, can slip in some conditions

Very comfortable

- The pad adapts to the shape of the knee within a short period of time
- Low weight (approx. 250 g/pair), lightweight and safe

No one-sided strain or cutting the hollows of the knees

Thanks to chloroprene straps with universally adjustable, high-quality hook-and-loop fasteners.

Maximum damping despite low material thickness thanks to a 12-mm-thick sandwich design

High-quality material

- 3-mm-thick, waterproof chloroprene stores heat and protects joints and muscles from the cold
- A hard-wearing LYCRA® coating prevents heavy sweating and is quick-drying. The pads can be worn directly on the skin.
- All seams are sewn with elastic thread and are thus extremely resilient yet flexible.



Material	Kevlar®
Material of the fastening strip	Chloropren
Colour	Black
EN standard	14404
Number of pieces	1 Pair

Art. No. 0899 030 20

P. Qty.: 1

Details/Application

Ideal e.g. for: pavers and tile-layers, gardeners and landscapers, roofers (on flat roofs), ventilation installers, metalworkers, machine and vehicle builders, installers, mechanics and many more.



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Knee pads Soft

For working on smooth and sensitive surfaces

Certified in accordance with DIN EN 14404

Highly abrasion-resistant surface with 300 g/m² Kevlar®

Very comfortable

- The pad adapts to the shape of the knee within a short period of time
- Low weight (approx. 250 g/pair), lightweight and safe

No one-sided strain or cutting the hollows of the knees

Thanks to chloroprene straps with universally adjustable, high-quality hook-and-loop fasteners.

Maximum damping despite low material thickness thanks to a 12-mm-thick sandwich design

High-quality material

- 3-mm-thick, waterproof chloroprene stores heat and protects joints and muscles from the cold
- A hard-wearing LYCRA® coating prevents heavy sweating and is quick-drying. The pads can be worn directly on the skin.
- All seams are sewn with elastic thread and are thus extremely resilient yet flexible.



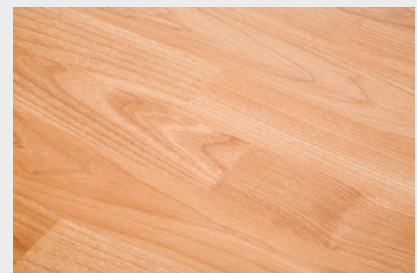
Material	Kevlar®
Material of the fastening strip	Chloropren
Colour	Black
EN standard	14404
Number of pieces	1 Pair

Art. No. 0899 030 30

P. Qty.: 1

Details/Application

Ideal e.g. for: Parquet and laminate floor layers, carpet and flooring layers, joiners, carpenters, interior designers, decorators, baggage and goods handlers at airports, and many others.



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Protective apron

Nitras protective apron 2200

NITRAS canvas apron with split-leather belly reinforcement

- Size: 80 x 100 cm
- Cord in eyelets

Colour	Red brown
Material	Split leather

Art. No. 1931 008 407

P. Qty.: 1



Protective apron Nitras 2202

Nitras 2202

NITRAS canvas apron with split-leather belly reinforcement (grey)

- Size: 80 x 100 cm
- Cord in eyelets

Colour	Red brown, Grey
Material	Split leather

Art. No. 1931 040 481

P. Qty.: 50



Protective apron

Nitras Gunova 2500

GUNOVA chemical protective aprons are cut from strong, durable PVC film with reinforced, welded plastic eyelets, with neck and side straps made of polyester twill tape.

- Size: 80 x 100 cm
- Thickness: 0.3 mm

Colour	Black
Material	PVC - Polyvinyl chloride



Art. No. 1931 040 482

P. Qty.: 10

Eye protection - M004

Material	Plastic
Product weight (per item)	31 g

Art. No. 0899 605 750

P. Qty.: 1



Mask - M016

Material	Plastic
Product weight (per item)	34 g

Art. No. 0899 605 753

P. Qty.: 1



Hearing protection - M003

Material	Plastic
Product weight (per item)	32 g

Art. No. 0899 605 751

P. Qty.: 1



Breathing protection - M017

Material	Plastic
Product weight (per item)	33 g

Art. No. 0899 605 754

P. Qty.: 1



Eye and hearing protection

Material	Plastic
Product weight (per item)	33 g

Art. No. 0899 605 752

P. Qty.: 1



Gloves - M009

Material	Plastic
Product weight (per item)	30 g

Art. No. 0899 605 755

P. Qty.: 1



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NO COMPROMISES.**

OCCUPATIONAL SAFETY

for the Industry

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