

TOTAL RANGE

01	Index
02	Service and Systems
03	Chemical Technical Products
04	Fasteners / Fittings
05	Anchor and Plug Systems
06	Fire Protection Systems
07	Material Processing
08	General Tools / Equipment
09	master® Power Tools
10	ORSY® Assortments and Workshop Equipment
11	Work Protection
12	Construction Accessories
13	Electrical
14	Sanitary
15	Automotive / Cargo Accessories and Spare Parts

11 Work Protection

Gloves	2621 - 2638
Ear protection	2639 - 2647
Breathing protection	2648 - 2657
Eye and face protection	2658 - 2666
Welding protection	2667 - 2676
Environment protection	2677
Protective equipment according to GGVSE	2678
Fall protection	2679 - 2689
Headgear	2690 - 2692
Work protection products in general	2693 - 2697
First aid	2698 - 2702
Mandatory signs	2703

The Glove Line: Guidelines, standards and laws



In Europe, the requirements for personal safety apparatus (PSA) and its use are regulated by the imposed European Directive 89/686/EEC and further put in concrete terms through numerous standards and laws.
To comply with the various requirements of PSAs in the commercial sector, risks are divided into three categories:

Category 1 – minimal risk (Cat I)

Simple PSA, the gloves must conform to the basic requirements of EN 420 and only have to carry the CE mark.

A prototype test is not required, as a declaration of conformity is sufficient.

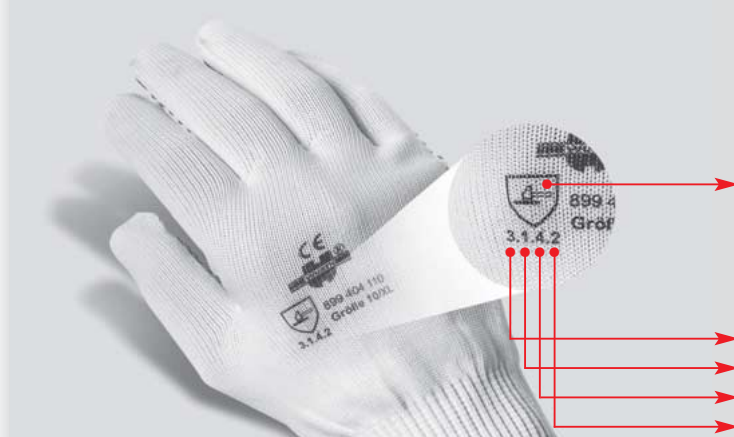
Category 2 – medium risk (Cat II)

A prototype test is also required here. This standard covers gloves of EN 388, protection against mechanical hazards, for example.

Category 3 – high risk (Cat III)

In addition to the prototype test, quality monitoring in accordance with ISO is also required here. This covers all PSA, e.g. fire brigade or chemical safety gloves which, if they fail, will cause serious injury to the wearer (danger to life and limb).

To make things easier for the wearer, pictograms have been introduced that show the safety functions fulfilled by the gloves.



EN 420: General requirements for gloves

EN 420 specifies the relevant test methods to be used for all protective gloves and the general requirements on basic design, glove manufacture, resistance of the glove material to penetration by water, harmlessness of the materials used, comfort and capability, identifying markings to be made by the manufacturer and the information to be supplied by the manufacturer.

EN 374: Protection against microorganisms

Test criteria	Assessment gauge
Liquid test	passed/failed

EN 374: Protection against chemical dangers

Test criteria	Assessment gauge
Penetration test	passed/failed
Permeation test	Break-through time

EN 388: Mechanical risks

Test criteria	Assessment gauge
Wear resistance	0 - 4
Cutting resistance	0 - 5
Tear resistance	0 - 4
Penetration resistance	0 - 4

EN 388: Protection against static electricity

(pursuant to EN 1149-1)	
Test criteria	Assessment gauge
Anti-static properties	passed/failed

EN 407: Protection against thermal risks

Test criteria	Assessment gauge
Burning behaviour	0 - 4
Contact heat	0 - 4
Convective heat	0 - 3
Radiated heat	0 - 4
Exposure to small particles of sprayed melted metal	0 - 4
Exposure to large quantities of liquid metal	0 - 4

EN 511: Protection against danger from cold

Test criteria	Assessment gauge
Convective cold	0 - 4
Contact cold	0 - 4
Water-tightness	0 - 1

Note:

0 = minimum requirement
4 - 5 = highest level

EN 388: Mechanical risks

Test criteria	Assessment gauge
Wear resistance	0 - 4
Cutting resistance	0 - 5
Tear resistance	0 - 4
Penetration resistance	0 - 4

	Designation	Art. No.	Gripping security	Wearing comfort	Feel	Abrasion resistance	Cutting resistance	Flexibility	Penet. resistance	Tear resistance	Wet protection	Cold protection	Heat resistance	Cat.	Standard EN
Knitted Gloves															
	Polyamide/Cotton Coarse Knitted Glove	0899 400 010...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Universal" Coarse Knitted Glove	0899 400 108...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Economy" Coarse Knitted Glove	0899 404 08...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Criss Cross" Coarse Knitted Glove	0899 400 209...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Polyamide/Cotton Fine Knitted Glove	0899 404 107...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Top-flex" Fine Knitted Glove	0899 404 ...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
Nitrile Gloves															
	Blue Nitrile Glove	0899 420 ...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Blue "Economy" Nitrile Glove	0899 420 001	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Yellow Nitrile Glove	0899 410 08...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Yellow "Economy" Nitrile Glove	0899 410 109...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
Technical Gloves															
	Mechanic's Glove	0899 400 529...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Uni-Top" Mechanic's Glove	0899 400 690...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Pro" Craftsman's Glove	0899 400 652...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Nitril Plus" Safety Glove	0899 400 660...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Comfort" Assembly Glove	0899 400 607...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Soft" Assembly Glove	0899 400 730...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Multifit Safety Glove	0899 405 107 ...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Universal Glove with Latex Coating	0899 400 150	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	"Bricker" Safety Glove	0899 400 310	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
	Cotton Tricot Glove	0899 400 08...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	I	420
	Cotton Jersey Glove	0899 400 140	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	I	420

Designation	Art. No.	Gripping security	Wearing comfort	Feel	Abrasion resistance	Cutting resistance	Flexibility	Penet. resistance	Tear resistance	Wet protection	Cold protection	Heat resistance	Cat.	Standard EN
Cutting protection														
Kevlar®* Cutting Protection Glove	0899 451 09...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
"Comfort" Cutting Protection Glove	0899 400 740...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
"Cutter" Safety Glove	0899 400 409...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388
Kevlar® Arm Guard with Thumb Hole	0899 400 420	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■	II	420, 388, 407
Winter gloves														
Mechanic's Winter Glove	0899 400 520...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388, 511
Furniture Leather Glove	0899 405	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	I	420
Vinyl Winter Glove	0899 450	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388, 511
Wet, chemical, cleaning and disposable gloves														
Nitrile Chemical Protection Glove	0899 435 07...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	III	420, 388, 374
Natural Latex Household Glove	0899 415 01...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	II	420, 388, 374
Neoprene/Latex Chemicals Glove	0899 435	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	III	420, 388, 374
Vinyl Chemical and Wet Safety Glove	0899 430	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	III	420, 388, 374
Nitrile Disposable Glove	0899 470 01...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	I	420
Vinyl Disposable Glove	0899 460 02...	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	■ ■ ■ ■	I	420

* Kevlar® is a registered trademark of the DuPont company.

Important: The above notes are based on experience and laboratory tests. However, the actual suitability of a glove depends on the individual conditions of its use and must be confirmed by an appropriate test under operational conditions.

Caution: The gloves we supply conform to the respective current technical requirements and standards. Given the variety of materials used, the possibility of incompatibility or usage problems for the wearer cannot be excluded in individual cases. In such cases, we would be happy to advise you about optimum solutions.

■ ■ ■ ■ preferred
■ ■ ■ ■ very good
■ ■ ■ ■ good
■ ■ ■ ■ acceptable
■ ■ ■ ■ poor

WE CARE ABOUT YOUR SAFETY!

Knitted gloves

Polyamide/Cotton Coarse Knitted Glove



Properties

All-purpose, very rugged coarse knitted glove for all dry applications.

- Seamless, two-layer round-knit design:
 - Interior: cotton liner for comfortable wear.
 - Exterior: rugged, wear-resistant nylon.
- Anti-slip vinyl dot coating on the hand surfaces with finger-tip reinforcement.
- Good resistance to cuts and wear.
- Good cold and heat protection.
- Washable up to 60°C

EN standards/performance values

EN 420 + EN 388

Cat. II/performance values 2.2.4.1.

Applications

- For medium to high mechanical loads.
- For all dry activities in the building trade.
- Sheet metal, plastic processing and metal-working.
- Packaging and manufacturing work.
- Assembly work.
- Woodworking.
- Land and forestry work.

Size	Art. No.	P. Qty./pair
7- 8	0899 400 010	6
9-10	0899 400 020	
11-12	0899 400 030	
12	0899 400 040	

Coarse Knitted Glove "Universal"



Properties

- Seamless round knit made of polyester/ synthetic yarn.
- Good flexibility and fit.
- One-sided anti-slip vinyl dot coating.
- Washable.

EN standards/performance values

EN 420 + EN 388

Cat. II/performance values 1.1.4.1.

Applications

- Suitable for light to medium mechanical loads involved with assembly work.
- Sorting work.
- Packaging and shipping work.

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

Coarse Knitted Glove "Economy"



Properties

- Comprised of mixed fabric (polyester/cotton).
- Good wearing comfort and fit thanks to round-knit design.
- One-sided anti-slip dot coating for good grip.

EN standards/performance values

EN 420 + EN 388

Cat. II/performance values 1.1.3.1.

Applications

- Suitable for light to medium mechanical loads in dry areas.
- For light to medium storage, manufacture and assembly work.
- Land and forestry work.

Size	Art. No.	P. Qty./pair
7- 8	0899 404 08	144
9-10	0899 404 010	

“Criss Cross” Coarse Knitted Glove



Properties

- Seamless fabric made of polyester/acrylic fibers.
- Excellent gripping thanks to non-slip honeycomb coating on both sides.
- Can be worn on both sides.
- High resistance to cuts and wear.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values 1.1.3.1.

Applications

- For medium mechanical loads requiring good gripping.
- Woodworking
- Forestry work
- Building trade
- Landscaping
- Scaffolding
- Freight forwarding, transportation and storage activities.

Size	Art. No.	P. Qty./pair
9	0899 400 209	12
10	0899 400 210	

Polyamide/Cotton Fine Knitted Glove



Properties

- Seamless, two-layer round-knit design.
 - Interior: cotton layer for comfortable wear.
 - Exterior: rugged, wear-resistant nylon.
- High flexibility.
- Excellent fit.
- Very good feel.
- Good, secure grip thanks to wear-resistant vinyl dot nubbing.
- Washable.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values 3.1.4.2.

Applications

- Excellently suited for fine, precision work.
- Fabrication and packaging work.
- For the handling of sensitive materials in dry applications.
- Can be used for repair and maintenance work.
- Assembly and manufacturing work for household appliances and electronics.
- Kitchen assembly and the furniture industry.

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

“Top-flex” Safety Glove



Properties

- Universal fine-knit glove with seamless, round-knitted polyamide carrier fabric.
- Optimum dexterity thanks to shortened thumb, index and middle fingers (Fig. 1+2).
- Good secure grip thanks to the anti-slip coating of the hand surfaces (Fig. 3).
- Dot coating of the back of the hand in the knuckle area (Fig. 4).
- Surface neutral and silicone-free.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values: 2.1.4.2.

Applications

- Excellently suited for fine, precision work.
- Fabrication and packaging work.
- Assembly work.
- Interior finishing.
- Freight forwarding, transportation and storage activities.

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



Fig. 1



Fig. 2



Fig. 3



Fig. 4

NITRILE GLOVES

All-purpose safety gloves with good resistance to cuts and wear and good chemical resistance. Repels liquid, oil and grease, silicone-free.

BLUE NITRILE GLOVE



Heavy safety glove for mechanical load.

Properties

- Acrylic/nitrile/butadiene dip coating on heavy cotton jersey lining.
- Laminated safety sleeve section.
- Active breathing thanks to open hand backs.
- High wearing comfort.
- Very resistant to wear and cuts.
- Liquid and oil repellent with good chemical resistance.
- Antibacterial.

EN standards/performance values

EN 420 + EN 388
Cat. II / performance values 4.2.2.1.

Applications

- Highly suitable for medium and heavy mechanical loads.
- Good resistance to abrasion and cut.
- For use in metalworking, body constructions, transport, building trade.
- Conditionally suitable for wet conditions.

Size	Art. No.	P. Qty./pair
Universal	0899 420	12
XXL	0899 420 100	6

BLUE NITRILE GLOVE "ECONOMY"



Safety glove protects against dirt and medium mechanical loads.

Properties

- Dip coating made of nitrile and synthetic latex on medium-thickness jersey lining cotton/polyester).
- Canvas safety sleeve section.
- Active breathing thanks to open hand backs.
- Good resistance to wear and cuts.
- Liquid-repellent.

EN standards/performance values

EN 420 + EN 388
Cat. II / performance values 3.1.1.1.

Applications

- Medium mechanical load for versatile manual work.
- Building trade
- Roadworks
- Metalworking
- Supply and disposal work

Size	Art. No.	P. Qty./pair
universal	0899 420 001	144

YELLOW NITRILE GLOVE



All-purpose light assembly glove with dip coating.

Properties

- Acrylic/nitrile/butadiene dip coating on sealed 100% cotton interlock lining with knitted wristband.
- Active breathing thanks to open hand backs.
- Good wear resistance.
- Repels liquid, oil and grease.
- Very good dry grip.
- Good feel.
- Antibacterial.
- Anti-static.
- Washable in warm suds or warm water.

EN standards/performance values

EN 420 + EN 388
Cat. II / performance values 3.1.1.1.

Applications

- Light to medium mechanical loads.
- Repair and maintenance.
- Light body construction.
- Automotive industry and maintenance.
- Household appliance trade.
- Sanitary trade.

Size	Art. No.	P. Qty./pair
8	0899 410 08	12
9	0899 410 09	12
10	0899 410 10	12

YELLOW NITRILE GLOVE "ECONOMY"



Light assembly glove with dip coating.

Properties

- Dip coating made of nitrile and synthetic latex.
- Cotton/polyester interlock lining with wrist band.
- Good dry grip.
- Limited liquid repellent properties.
- Active breathing thanks to open hand backs.

EN standards/performance values

EN 420 + EN 388
Cat. II / performance values 2.1.1.1.

Applications

For light mechanical loads in the following fields:

- Construction
- Automotive industry
- Repair and maintenance.

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

MULTIFIT SAFETY GLOVES



The new MultiFit gloves offer added safety, function and comfort and are characterized by a host of special features:

Microporous foamed coating of the hand inner surface:

- Good vibration damping
- Excellent grip
- Very good sense of touch

Seamless polyamide-elastane carrier fabric:

- Easy on hands and easy to wear
- Optimum ergonomic fit
- Highly elastic

MULTIFIT LATEX SAFETY GLOVE



Extremely light and flexible

Features

- Good dry and wet gripping

EN 388



2.1.4.1.

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

MULTIFIT NITRIL SAFETY GLOVE



Universal & robust

Features

- Very resistant to wear
- Good resistance to many greases, oils and other chemicals in small amounts

EN 388



4.1.4.1.

Size	Art. No.	P. Qty./pair
8	0899 405 208	6
9	0899 405 209	6
10	0899 405 210	6

MULTIFIT NITRIL PLUS SAFETY GLOVE



Very robust & long-lasting

Features

- Excellent mechanical resilience and service life thanks to the knobbed texture
- Good resistance to many greases, oils and other chemicals in small amounts

EN 388



4.1.4.1.

Size	Art. No.	P. Qty./pair
8	0899 405 308	6
9	0899 405 309	6
10	0899 405 310	6

Technical Gloves

Mechanic's Glove



Properties

- Excellent dry and wet grip via special surface texturing.
- Excellent flexibility for fine assembly work.
- Good mechanical loadability.
- Skin-friendly, seamless knit nylon lining.
- High-quality natural latex coating with open hand backs for good breathability.
- Silicone-free.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values 3.1.3.1.

Applications

- Any activities requiring a good wet grip and good tactile behaviour.
- Use in dry and damp areas.
- Light to medium assembly and workshop work.
- Especially well-suited for mechanic's work.
- Tyre changing work.
- Automotive manufacture and maintenance.
- Body work.
- Medium sorting, packaging and storage work.
- Freight forwarding work.
- Light to medium work in the building trade, especially interior finishing.

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

Craftsman's Glove "Profi"



Properties

The combination of cotton tricot carrier fabric, Velcro closure and a special, foamed polymer coating offer a host of outstanding properties.

- Excellent dry and wet grip.
- Good chemical resistance of coating to many greases, oils and other chemicals common in the skilled trades.
- Pressure and vibration-damping properties.
- Optimum fit.
- Wearer safety ensured thanks to Velcro closure.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values 3.1.2.1.

Applications

- The all-rounder for any work in the skilled trades and industry.
- Light to medium work where good gripping and high flexibility are required.
- Excellently suited for assembly, workshop, mechanic's and body work.
- Optimum for freight forwarding, transport and storage activities.
- Work with hand tools and machines.

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

Safety Glove "Nitrilon Plus"



Properties

Very rugged fine-knit glove.

- High-quality coating made of acrylic/nitrile/butadiene on a rugged, seamless round-knit polyamide carrier fabric.
- Skin-friendly carrier and coating materials.
- **Excellent mechanical loadability.**
- **Excellent dry gripping for secure handling of workpieces and tools.**
- Very good fit.
- **Surface neutral and silicone-free.**
- Antibacterial.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values: 4.1.3.2.

Applications

- Broad spectrum of assembly and skilled trade work.
- Medium mechanical loads.
- Can be used in any fields requiring a good dry grip and good mechanical resistance in sectors of the building industry.
- Body work.
- Metalworking.
- Plastic processing.
- Automotive industry
- Maintenance, household appliances.

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

ASSEMBLY GLOVE "COMFORT"



Features

Comfort or light assembly glove.

- Fine nylon lining with active-breathing PU coating.
- Outstanding flexibility.
- **Excellent fit.**
- **Very comfortable to wear.**
- Well-fitting ladies' sizes.

EN standards/performance values

EN 420 + EN 388

Cat. II / performance values 3.1.3.1.

Applications

- Excellently suited for fine, precise work.
- Easy assembly work.
- Electrical assembly.
- Household appliance technology.
- Vehicle and vehicle part manufacturing.
- Painting and varnishing work.
- Interior finishing.

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

UNIVERSAL GLOVE WITH LATEX COATING



Features

Universal dirt-protection and work glove.

- Rugged, seamless round-knitted cotton/polyester cloth.
- Natural latex coating.
- Open hand backs for good breathability.

EN standards/performance values

EN 420 + EN 388

Cat. II/performance values: 3.1.2.1.

Applications

- Light to medium mechanical loads.
- Can be used in:
 - many areas of the building trade
 - land and forestry work
 - landscaping
 - cleaning and maintenance work
 - building and industrial maintenance.

Size	Art. No.	P. Qty./pair
10	0899 400 150	12

SAFETY GLOVE "BRICKER"



Features

- Heavy-duty design
- Extra strong natural latex coating with rhomboid profile.
- Extremely resistant to wear, cutting and penetration.
- Good wearing comfort thanks to the seamless round-knitted carrier fabric.

EN standards/performance values

EN 420 + EN 388

Cat. II / Performance values 4.3.4.3.

Applications

- For heavy mechanical loads.
- Plastering work.
- Construction and woodworking.
- Civil engineering.
- Structural steel handling.
- Garbage removal / garbage sorting.
- Glass and glass recycling industry.
- Scaffolding construction
- Metalworking / metal processing.

Size	Art. No.	P. Qty./pair
10	0899 400 310	1

COTTON TRICOT GLOVE



Features

100% bleached cotton, with fourchettes.

- Lightweight design.
- Pleasant wearing comfort and good fit.

EN standards/performance values

EN 420

Cat. I, slight risks

Applications

- For light mechanical loads.
- Assembly, dispatch and electrical work with minimal risks.
- Dry Construction
- Suitable as underglove for protection against heat and cold.

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

Cotton Jersey Glove



Properties

Light dirt protection, work and comfort glove made of 100% cotton.

- Protects hands from contaminants and mechanical strains to the skin.
- Cotton jersey cloth with fluffed-up interior.
- Good heat and cold protection.
- Can be worn on both sides.

EN standards/performance values

EN 420
Cat. I, minimal risks

Applications

- For all activities requiring an especially skin-friendly glove.
- Good protection against hot or cold thermal loads.
- Transport business.
- Agriculture.
- Building management.
- Building trade.

Size	Art. No.	P. Qty./pair
universal	0899 400 140	12

Vinyl Safety Glove



Properties

- Dirt protection glove for light to medium work with minimal risks.
- Moisture and dirt repellent faux leather (vinyl-impregnated cloth).
- Interior with half cotton lining.
- Hand backs and light safety sleeve section made of cotton.

EN standards/performance values

EN 420
Cat. I, minimal risks

Applications

Can be used as a dirt protection glove against dry and moist contaminants in the following areas:

- Construction, land and forestry work
- Landscaping.
- Shipping.

Size	Art. No.	P. Qty./pair
universal	0899 401 000	12

“Soft” Assembly Glove



Properties

Ultralight, breathable fine assembly glove.

- Extremely light and flexible.
- Fine-knit glove made of elastic nylon yarn.
- Maximum wearing comfort.
- Breathable thanks to the extremely light, microporous PU coating.
- Optimum for fine assembly and precision work.
- Superb tactile and fingertip feeling.
- Highly flexible and stretchable. Fits like a second skin.

EN standards/performance values

EN 420 + EN 388
Cat. II / Performance values 3.1.2.0.

Applications

- Storage and picking activities.
- Fine assembly, precision work, electrical installation, inspection work, product protection gloves, household appliances, maintenance work.

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

“Uni-Top” Mechanic’s Glove



Properties

All-purpose glove for all mechanical and skilled trade activities.

- Skin-friendly, seamless round-knitted nylon carrier fabric.
- Very good dry and wet gripping.
- Special foamed polymer coating with pressure and vibration damping.
- Excellent fit and flexibility thanks to stretchable materials.
- Wearer safety ensured thanks to Velcro closure.

EN standards/performance values

EN 420 + EN 388
Cat. II / Performance values 4.1.3.1.

Applications

- All purpose glove for any work in the skilled trades and industry.
- Optimal for assembly, workshop, mechanical and body work.
- Freight forwarding, transportation and storage activities.
- Work with hand tools and machines.
- Activities requiring secure fitting of the gloves to your hands.

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

Cutting protection

“Comfort” Cutting Protection Glove with Dyneema® fibers



Properties

Extremely abrasion-resistant safety glove for the greatest mechanical stresses.

- Very good cutting protection thanks to Dyneema® fibers.
- Very good heat dissipation properties of Dyneema® fibers → Comfortable to the hand and able to be worn for long periods.
- Breathable PU coating for comfortable wear.
- High abrasion resistance and mechanical loadability.
- Good fit and flexibility.

EN standards/performance values

EN 420 + EN 388
Cat. II / Performance values 4.3.4.3.

Applications

- Handling of sharp workpieces and tools.
- Machining and processing of metal parts, plastic profiles, aluminum etc.
- Glass industry.

Size	Art. No.	P. Qty./pair
8	0899 400 740	1
9	0899 400 741	
10	0899 400 742	

Note:
Dyneema® is a registered trademark of DSM.

Cutting Protection Glove Kevlar®



Properties

- Seamless, round-knit carrier fabric made of 100% Kevlar®.
- High-quality natural latex coating.
- Open hand backs for better flexibility and breathability.
- Fine surface profile for a good grip.
- Cutting protection level 4 → very good protection against cutting and piercing injuries.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values: 3.4.4.3.

Applications

- Can be used for the handling and processing of cutting and sharp-edged tools and workpieces, e.g. glass, plastic, metal parts and profiles.

Size	Art. No.	P. Qty./pair
9	0899 451 09	1
10	0899 451 010	

Safety Glove “Cutter”



Properties

- Seamless, round-knit carrier fabric made of 100% Kevlar®.
- Good wearing comfort.
- Good grip thanks to laminated natural latex coating on inner surfaces of hand, thumbs and fingers.
- Good ventilation thanks to open hand backs.
- Medium mechanical load.
- High cutting resistance.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values 4.3.4.3.

Applications

- Glass industry
- Recycling plants
- Metal press plants, metalworking
- Plastic industry
- Paper and cardboard industry.

Size	Art. No.	P. Qty./pair
8/9	0899 400 409	1
10	0899 400 410	

Kevlar® Arm Guard with Thumb Hole



Properties

Ideal cutting and heat-protection for the heel of the hand, wrist and forearm areas.

- Optimum in conjunction with cutting protective clothing or gloves.
- Two-layer, seamless round-knit fine fabric design made of 100% Kevlar®.
- Integrated thumb hole allows optimum fixing of the arm guard over the heel of the hand.
- Dimensions (L x W): 35 x 8 cm.

Applications

- Can be used for work with greater requirements on heat or cutting protection.
- Glass industry
- Metalworking
- Aluminium working/processing
- For the handling of metal and plastic profiles
- In risky areas of recycling and waste management.

Size	Art. No.	P. Qty.
universal	0899 400 420	1

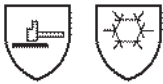
Note:
Kevlar® is a registered trade mark of the DuPont company.

WINTER GLOVES

MECHANIC'S WINTER GLOVE



EN 388 EN 511



2.2.4.1. 0.2.X.

Features

- Universal winter glove made of seamlessly knit polyester-cotton loop fabric
- High-quality natural latex coating.
- Open hand backs for good breathability
- Excellent dry and wet grip thanks to fine surface texturing
- Very good mechanical loadability
- Silicone-free

Applications

- Building trade
- Supply and disposal companies
- Work in cool and normal warehouses
- Goods transfer
- Due to their good resistance to wear, highly suitable for plastering work
- Scaffolding
- Above- and below-ground construction

Size	Art. No.	P. Qty./pair
9	0899 400 520	6
10	0899 400 521	
11	0899 400 522	

"COMFORT" WINTER GLOVE



EN 388 EN 511



3.1.3.2. 0.2.X.

Features

- Double-layer knit glove with excellent cold-protection
- Very comfortable to wear thanks to acrylic-wool fibers
- Open hand backs for good breathability
- High-quality natural latex coating
- Excellent dry and wet grip thanks to fine surface texturing
- Orange signal color

Applications

- For outside work in cold conditions
- Building trade
- Roadwork
- Supply and disposal companies
- Work in cool and normal warehouses

Size	Art. No.	P. Qty./pair
8	0899 450 108	6
9	0899 450 109	
10	0899 450 110	

FURNITURE LEATHER GLOVE



Features

- Light cotton back with canvas sleeve
- Heavy acrylic lining
- Finger cups and knuckle guard made of cowhide furniture leather
- Only limited suitability for wet conditions
- Attention: Dark colors may vary

Applications

- For medium to heavy outdoor work in the cold
- Building trade
- Roadwork disposal work
- Heavy storage work
- Wood and forestry work

EN standards/performance values

EN 420, minimal risks

Cat. I

Size	Art. No.	P. Qty./pair
Universal	0899 405	6

Lined winter glove made of furniture leather

WET, CHEMICAL, CLEANING AND DISPOSABLE GLOVES

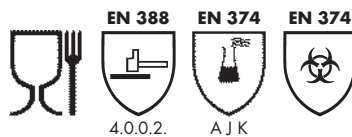
NITRILE CHEMICAL PROTECTION GLOVE



Universal, light chemical protection glove made of nitrile with cotton velour on the inside.

Features

- 100% liquid-sealed.
- Secure grip thanks to rhomboid profile
- Chemical and liquid protection against a large number of bases, acids, grease, oil and in some cases solvents
- Antibacterial
- Silicone-free manufacturing process
- Tested as food-safe
- Material thickness: 0.38 mm ± 0.03 mm
- Total length: 330 mm



Areas of application

- Painting work
- Surface treatment
- Staining
- Refrigerants and lubricants
- Motor vehicle and machine maintenance
- Food processing industry
- Galvanic baths
- Cleaning

Size	Art. No.	P. Qty. /pair
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

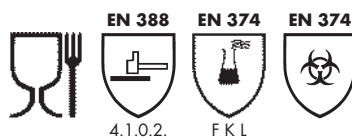
NITRILE CHEMICAL PROTECTION GLOVE LONG, HEAVY DESIGN



Heavy chemical protection glove of nitrile

Features

- Secure grip thanks to rhomboid profile
- Chemical and liquid protection against a large number of bases, acids, grease, oil and in some cases solvents
- Good mechanical resistance
- Silicone-free manufacturing process
- Tested as food-safe
- Material thickness: 0.58 mm ± 0.03 mm
- Total length: 450 mm



Areas of application

- Cleaning and maintenance work
- Chemical industry
- Food processing industry
- Painting and degreasing work
- Chemicals in agriculture
- Cooling and cutting oils

Size	Art. No.	P. Qty. /pair
8	0899 435 408	1
9	0899 435 409	1
10	0899 435 410	1

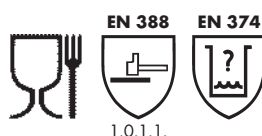
HOUSEHOLD GLOVE



Liquid-sealed cleaning glove made of natural latex; premium quality.

Features

- Tested to be low in allergens
- Secure grip thanks to rhomboid profile
- Extremely elastic
- Optimum feel
- Antibacterial
- Tested as food-safe
- Silicone-free manufacturing process
- Material thickness: 0.42 mm ± 0.03 mm
- Total length: 300 mm



Areas of application

- For cleaning work in industry, trade and household
- Laboratory work
- Food processing industry
- Agriculture
- Maintenance, cleaning and care work

Size	Art. No.	P. Qty. /pair
S	0899 415 01	12
M	0899 415 02	12
L	0899 415 03	12
XL	0899 415 04	12

WET, CHEMICAL, CLEANING AND DISPOSABLE GLOVES

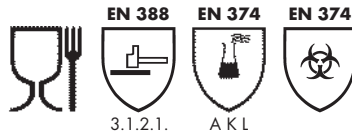
NATURAL RUBBER CHEMICAL PROTECTION GLOVE WITH NEOPRENE



Heavy natural rubber and neoprene chemical protection glove

Features

- Interior cotton flocking
- Excellent sensitive feel
- Good resistance to diluted acids and alkaline solutions
- Good mechanical resistance
- Tested as food-safe
- Material thickness: 0.67 mm ± 0.03 mm
- Total length: 320 mm
- Silicone-free manufacturing process
- 100% liquid-sealed



Areas of application

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

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

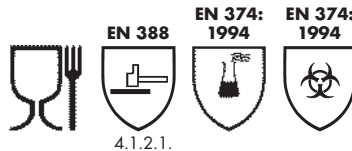
NEOPRENE/LATEX CHEMICAL PROTECTION GLOVE



Natural rubber glove with outer neoprene layer

Features

- Interior cotton flocking
- Excellent grip thanks to rhomboid profile on hand inner surface and fingertips
- Tested as food-safe
- 100% liquid-sealed
- Material thickness: 0.67 mm ± 0.03 mm
- Total length: 320 mm



Areas of application

- Suitable for industrial maintenance and cleaning work
- Handling of pesticides and agricultural chemicals
- Cleaning and handling activities in food processing industry
- Construction chemicals in the sectors sealing, adhesive bonding, cleaning and joining
- For use in both interior finishing and as filer's glove

Size	Art. No.	P. Qty. /pair
8	0899 435 81	1
9	0899 435 82	1
10	0899 435	1

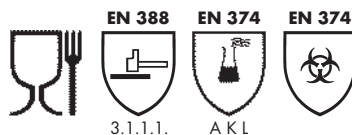
NEOPRENE CHEMICAL PROTECTION GLOVE



Heavy chemical protection glove of neoprene

Features

- Interior cotton flocking
- Secure grip thanks to rhomboid profile
- Good resistance to diluted acids, alkaline solutions, oil and grease
- Good mechanical resistance
- Tested as food-safe
- Material thickness: 0.68 mm ± 0.03 mm
- Total length: 330 mm



Areas of application

- Cleaning and maintenance work
- Chemical industry
- Food processing industry
- Chemicals in agriculture
- Cooling and cutting oils
- Galvanizing work

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

WET, CHEMICAL, CLEANING AND DISPOSABLE GLOVES

VINYL DISPOSABLE GLOVE



Liquid-sealed disposable vinyl glove

Features

- Powder-free
- Practical disposable dispenser
- Can be worn on both sides
- Tested as food-safe
- Material thickness: 0.12 mm ± 0.03 mm
- Total length: 240 mm



Areas of application

- Light assembly and inspection work
- House painting work
- Painting and polishing work
- Small part sorting
- Machine cleaning and maintenance
- Laboratory work
- Food processing

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

NITRILE DISPOSABLE GLOVE



Liquid-sealed disposable nitrile glove

Features

- Nitrile protective glove
- Does not contain allergy-triggering latex proteins
- Can be worn on both sides
- Powder-free
- Silicone-free manufacturing process
- Tested as food-safe
- Material thickness: 0.10 mm ± 0.01 mm
- Total length: 240 mm



Areas of application

- Laboratory work
- Food processing
- Pharmaceutical, chemical and electrical industries
- House painting work
- Painting and polishing work
- Cleaning and maintenance work

Size	Art. No.	P. Qty. /pair
M	0899 470 01	100
L	0899 470 02	100
XL	0899 470 03	100

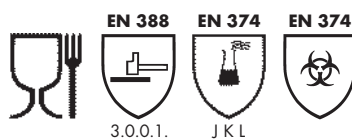
NITRILE DISPOSABLE GLOVE, EXTRA STRONG



Chemical protection glove pursuant to EN 374

Features

- Nitrile protective glove
- Free of natural rubber
- Does not contain allergy-triggering latex proteins
- Powder-free
- Silicone-free manufacturing process
- Good grip thanks to roughened surface
- Tested as food-safe
- Material thickness: 0.20 mm ± 0.01 mm
- Total length: 300 mm



Areas of application

- Chemical industry
- Food processing industry and catering
- Electronics and computer industry
- Laboratory and research
- Cleaning and maintenance
- Product protection
- Printing industry

Size	Art. No.	P. Qty. /pair
8	0899 470 408	50
9	0899 470 409	50
10	0899 470 410	50
11	0899 470 411	50

WET, CHEMICAL, CLEANING AND DISPOSABLE GLOVES

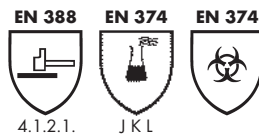
VINYL CHEMICAL AND WET SAFETY GLOVE



Fully dipped chemical and wet protection glove with vinyl coating on cotton jersey lining

Features

- Very good wet and dry grip thanks to microscopic roughing of the hand surfaces
- 100% liquid-sealed
- Jersey lining with cold and thermal insulation
- Chemical and wet protection
- Antibacterial
- Material thickness: 1.80 mm ± 0.03 mm
- Total length: 350 mm



Areas of application

- Medium mechanical load in wet areas
- Chemical protection
- Hazardous goods transport
- Tanker drivers
- Chemical and liquid handling
- Fisheries and fish processing
- Disposal companies
- Cleaning work
- Agriculture
- Cold work

Size	Art. No.	P. Qty. /pair
10	0899 430	12

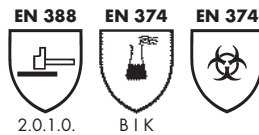
BUTYL CHEMICAL PROTECTION GLOVE



Butyl protection glove

Features

- Protection against dangerous chemicals
- Gas-tight and resistant to exhaust gases from combustion processes
- Good mechanical resistance
- With rolled edge
- Powdered
- Material thickness: 0.50 mm ± 0.10 mm
- Total length: 350 mm



Areas of application

- Chemical industry
- Laboratory work
- Handling of extremely dangerous, toxic chemicals, such as esters, ketones, acetone, aldehydes, amines, anhydrides, potassium hydroxide, sodium hydroxide, caustic solutions, alcohol, inorganic salts, organic acids and inorganic acids up to 20%
- Not resistant to: Oils, greases, halogens and hydrocarbons

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

LEATHER GLOVES

SPLIT COWHIDE LEATHER GLOVE



Robust working glove made of split cowhide leather.

Features

- Rugged working glove made of split cowhide leather.
- Hand back made of heavy cotton fabric.
- Split leather knuckle guard and finger cups.
- Rubber-coated cuff.
- Double stitching, half cotton lining.

EN standards/performance values

EN 420, Cat. I, minimal risks

Areas of use

- Medium to heavy mechanical loads.
- Good resistance to wear and cuts.
- For activities in metalworking, car body construction, transport, building industry, etc.
- Only limited suitability for wet work.

Size	Art. No.	P. pair
Universal	0899 400 251	120

TOP ALL-COWHIDE LEATHER GLOVE



High-quality all-leather glove.

Features

- Especially supple.
- Good flexibility and grip.
- Robust working glove made of all-cowhide leather.
- Hand back and cuff made of heavy cotton fabric.
- Safety rubber pull on the hand back.
- All-cowhide leather knuckle guard and finger cups.
- All-leather index finger.
- Complete double stitching.
- Half cotton lining.

EN standards/performance values

EN 420 + EN 388
Cat. II/performance values 3.1.2.3.

Areas of use

- Medium to heavy mechanical loads.
- Metalworking activities.
- Car body construction.
- Transport business.
- Wood working.
- Repair, assembly and maintenance.
- Only limited suitability for wet work.

Size	Art. No.	P. pair
Universal	0899 402	12

LIGHT FURNITURE LEATHER GLOVE



Features

- Made of furniture or automobile leather.
- High leather quality in different light colors.
- Light cotton back with canvas cuff.
- Finger cups and knuckle guard made of cowhide furniture leather.
- Attention: A variety of light colors can be supplied.

EN standards/performance values

EN 420, Cat. I, minimal risks

Areas of use

- Medium to heavy mechanical loads.
- Metal and building industries.
- Wood and forestry work.
- Disposal work.
- Primarily for dry work.

Size	Art. No.	P. pair
Universal	0899 403	12

"XXL" ALL-LEATHER GLOVE



All-leather extra-large work glove.

Features

- Excellent fit for all large hands.
- Hand backs and sleeve section made of heavy woven cotton fabric.
- Safety rubber pull on the hand back.
- All-leather knuckle guard and finger cups.
- Half cotton lining.

EN standards/performance values

EN 420, Cat. I, minimal risks

Areas of use



- For light to medium mechanical activities.
- Building and metal industries.
- Land and forestry work.
- Car body construction.
- Transport business.
- Only limited suitability for wet work.

Size	Art. No.	P. pair
XXL	0899 402100	12

WELDER'S GLOVES

SPLIT-LEATHER GLOVE



EN 388 EN 12477
 
 3.1.3.2. 4.1.3.X.4.X.

Features

- 100% split leather
- Porous surface
- Total length: 35 cm



Areas of use

- For light welding work
- Gloves should not be used at oily and greasy workplaces

Size	Art. No.	P. pair
10	0984 310	1

NAPPA LEATHER GLOVE



EN 388 EN 12477
 
 1.1.1.1. 4.1.3.X.4.X.

Features

- Hand inner surface and back of hand of supple Nappa leather
- Cuff made of split leather
- Total length: 35 cm



Areas of use

- For light work with great sensitivity while welding

Size	Art. No.	P. pair
10	0984 311	1

FULL-GRAIN LEATHER GLOVE



EN 388 EN 12477
 
 2.1.2.2. 4.1.3.X.4.X.

Features

- Hand inner surface made of full-grain cowhide
- Hand backs and cuff made of split leather
- Very rugged and tough
- Oil-, grease- and water-repellant
- Total length: 35 cm



Areas of use

- For universal use during welding, deburring and general work

Size	Art. No.	P. pair
10	0984 314	1

FULL-GRAIN LEATHER GLOVE



EN 388 EN 12477
 
 2.1.3.2. 4.1.3.X.4.X.

Features

- Fully lined (incl. cuff)
- Heat-insulating molleton lining
- Hand inner surface made of full-grain cowhide
- Hand backs and cuff made of split leather
- Weld beads and flying sparks are repelled by the smooth leather surface
- Oil-, grease- and water-repellant
- Excellent durability
- Total length: 35 cm

Areas of use

- For all welding work involving increased heat levels

Size	Art. No.	P. pair
10	0984 315	1

Ear Plugs x-100

Ergonomic, cone-shaped disposable ear plugs for use in extremely noisy environments.

- Very good insulation.
- Excellent speech clarity.
- Very comfortable to wear, thus easily accepted.
- Closed surface prevents penetration of foreign bodies and dirt particles in the plug.

x depression* offers a host of advantages:

- Reduces the contact pressure at the ear canal opening.
- Soft, optimum adaptation to the ear canal.
- Quick and easy proper insertion.
- Easy removal of the plug.

* with all Ear Plugs x-100 and x-200. (Fig. 1 and 2)



Art. No. 0899 300 342



Art. No. 0899 300 331

SNR value	L value	M value	H value
37 dB	34 dB	34 dB	36 dB



Fig. 1



Fig. 2

Designation	Model	Art. No.	P. Qty./pair
x-100	disposable dispenser	0899 300 342	50
	plug in pairs in poly bag	0899 300 331	200

Ear plugs x-100 with cord

- Readily available and always at hand thanks to the safety cord.
- For other features, see Ear Plugs x-100.

Art. No. 0899 300 332

P. Qty./pair: 100





Ear Plugs x-200

Thin, ergonomically-shaped disposable ear plugs for people with narrow ear canals.

- Very good insulation.
- Excellent speech clarity.
- Very comfortable to wear, thus easily accepted.
- Closed surface prevents penetration of foreign bodies and dirt particles in the plug.

x depression* offers a host of advantages:

- Reduces the contact pressure at the ear canal opening.
- Soft, optimum adaptation to the ear canal.
- Quick and easy proper insertion.
- Easy removal of the plug.

* with all Ear Plugs x-100 and x-200. (Fig. 1 and 2)



Fig. 1



Fig. 2

SNR value	L value	M value	H value
33 dB	29 dB	30 dB	33 dB

Designation	Model	Art. No.	P.Qty./pair
x-200	dispos. dispenser	0899 300 334	200



Ear Plug Dispenser

- Easy wall mounting.
- Easy filling.
- Grid rotation system prevents multiple plugs from falling out.
- Catch shelf prevents the plugs from falling to the floor.
- Fill quantity: 400 pair.

Art. No. 0899 300 335 (empty)

P. Qty. 1

Refill Bag for Ear Plug Dispenser

Designation	Model	Art. No.	P.Qty./pair
x-100 Refill Bag	loose	0899 300 336	200
x-200 Refill Bag	loose	0899 300 337	



SNR value	L value	M value	H value
36 dB	29 dB	33 dB	36 dB

“Soft” Ear Plugs

- The “Soft” Ear Plugs are characterized by their being comfortable to wear, which is achieved through the use of a heat-reactive foam.
- Outstanding insulating properties: With an SNR value of 36 dB (A), the “Soft” Ear Plug offers maximum noise protection in all applications with an increased noise level.
- Cylindrical shape.
- Conditionally reusable.

Heat-reactive plastic: The special foam with a fine cell structure adapts optimally to the ear channel. While the plugs are firm enough at the start to be able to shape and insert them, the foam heats up to body temperature and becomes softer and more comfortable the longer they are worn.

Application

In all areas in which a high noise level predominates, e.g. in iron, metal, wood, printing, textile and chemical producing and processing trade. Experience shows that Würth ear plugs meet all requirements for effective hearing protection, even at high noise levels.

Designation	Art. No.	Contents
Disposable Dispenser	0899 300 201	200 pair
Wall Retainer for 0899 300 201	0899 300 202	1 pc.



SNR value	L value	M value	H value
27 dB	22 dB	24 dB	27 dB

Slatted Ear Plugs with Cord

- Comfortable to wear thanks to soft “slats”.
- Readily available and always at hand thanks to the safety cord.
- Great insulation, yet good signal and speech clarity.
- Supplied in practical storage box.

Art. No. 0899 300 338

P. Qty. 1



SNR value	L value	M value	H value
24 dB	18 dB	19 dB	27 dB

Banded Hearing Protection

x-300

- For wearing under the chin.
- Designed based on the latest knowledge of ergonomics.
- Oval plugs perfectly close up the ear canal.
- Fixing of the band prevents disturbing noises caused by friction.
- Lightweight at only 8 g.

Designation	Art. No.	P. Qty.
x-300 Banded Hearing Protection	0899 300 339	1 pc.
Replacement Plugs for x-300	0899 300 340	5 pairs



SNR value	L value	M value	H value
23 dB	17 dB	18 dB	26 dB

Banded Hearing Protection

x-300, folding

- Hinged joint allows folding so that it can be placed and carried practically and comfortably in any shirt or jacket pocket.
- For wearing under the chin.
- Designed based on the latest knowledge of ergonomics.
- Oval plugs perfectly close up the ear canal.
- Fixing of the band prevents disturbing noises caused by friction.
- Light-weight at only 8 g.

Designation	Art. No.	P. Qty.
x-300 Banded Hearing Protection folding	0899 300 341	1 pc.
Replacement Plugs	0899 300 340	5 pairs



SNR value	L value	M value	H value
32 dB	24 dB	30 dB	32 dB

W2F/32 Encapsulated Ear Protection

- Excellently visible thanks to reflecting headband and fluorescent capsules
Increased safety at the workplace, especially for working outdoors and road construction sites, airports, etc. and at all workplaces with poor lighting conditions.
- Folding headband for space-saving storage.
- Excellent insulation properties.
- High wearing comfort thanks to
 - padded headband
 - low press-on pressure
 - broad, comfortable sealing pads.
- Simple, fast replacement of sealing pads.
- Weight 236 g.
- Tested pursuant to EN 352.

Art. No. 0899 300 353

P. Qty. 1

Hygiene Set for W2F/32 Encapsulated Ear Protection

Consisting of two sealing pads and two foam inserts.

Art. No. 0899 301 353

P. Qty. 1



SNR value	L value	M value	H value
34 dB	27 dB	32 dB	33 dB

W3/34 Encapsulated Ear Protection

- Hearing-protection capsules with outstanding insulation properties for optimum protection in very loud areas.
- Individually adjustable with telescopic bar.
- High wearing comfort thanks to
 - padded headband
 - low press-on pressure
 - broad, comfortable sealing pads
 - large earpieces that offer plenty of space for ears.
- Simple, fast replacement of sealing pads.
- Weight 302 g.
- Tested pursuant to EN 352.

Art. No. 0899 300 354

P. Qty. 1

Hygiene Set for W3/34 Encapsulated Ear Protection

Consisting of two sealing pads and two foam inserts.

Art. No. 0899 301 354

P. Qty. 1





SNR value	L value	M value	H value
23 dB	13 dB	20 dB	27 dB



SNR value	L value	M value	H value
24 dB	14 dB	21 dB	28 dB



SNR value	L value	M value	H value
28 dB	17 dB	25 dB	32 dB

Encapsulated Ear Protection

- Light-weight and comfortable design.
- Easy vertical adjustment of the band.
- For a broad range of uses.
- Very comfortable to wear.
- Weight: 150 g.
- Tested pursuant to EN 352.

Art. No. 0899 300 210

P. Qty. 1

Encapsulated Ear Protection

with universal band

Vertically adjustable model for loud noise

- Sturdy design, with wire band.
- Very comfortable/easy to wear.
- Head band with ventilation slots.
- Great insulation, even in the low range.
- Allows speech to be heard while worn.
- Wide, comfortable sealing pads.
- Hygienic and easy to clean.
- Sealing pads easy to replace.
- Suitable for wear with glasses or safety goggles.
- Weight: 210 g.
- Tested pursuant to EN 352-1.

Art. No. 0899 300 280

P. Qty. 1

Hygiene Set

Comprized of two sealing pads and two ear pads.

Art. No. 0899 300 285

P. Qty. 1

Encapsulated Ear Protection

Pocket

Fold-up hearing protection

- Practical, handy pocket size.
- Greatest wearing comfort.
- Great insulation, even in the low range.
- Allows speech to be heard while worn.
- Wide, comfortable sealing pads.
- Hygienic and easy to clean.
- Sealing pads easy to replace.
- Padded head band.
- Suitable for wear with glasses or safety goggles.
- Weight: 225g.
- Tested pursuant to EN 352.

Art. No. 0899 300 230

P. Qty. 1

Hygiene Set

Comprized of two sealing pads and two ear pads.

Art. No. 0899 300 245

P. Qty. 1



Hearing-Protection Radio

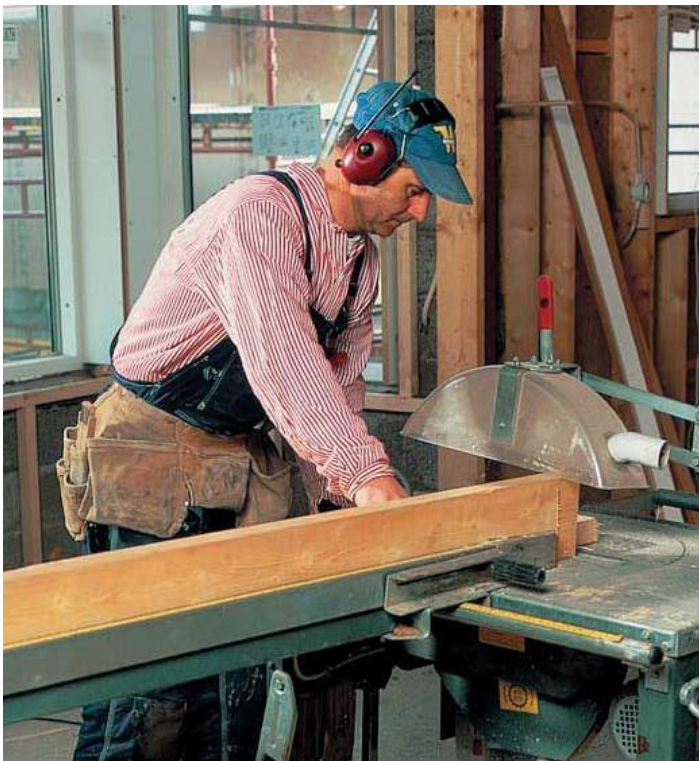
FM stereo

- Listen to the radio and protect your hearing at the same time.
- Highly-insulating hearing protection with stable FM reception. The robust FM stereo radio with highly sensitive electronics ensures interference-free sound fidelity even if your surroundings are full of loud noises.
- The volume of the radio in the earpieces is limited to a safe maximum.
- Short, flexible antenna.
- Wide, padded headband.
- Continuously adjustable band height.
- Two-point suspension.
- Wide, soft earpiece pads for very comfortable wear.
- Weight: 340 g.
- Tested pursuant to EN 352.
- Batteries: 2 x 1.5 V mignon, Art. No. 0827 02.

Art. No. 0899 300 170

P. Qty. 1

SNR value	L value	M value	H value
31 dB	22 dB	29 dB	32 dB



Face-/Hearing- Protection Combo

CE

Professional face-/hearing-protection combination made specially for brush-clearing work and any work not requiring a helmet.



- **Tested and recognised by the FPA (German Forestry Testing Commission).**
- Practical face protection: Covers part of the head and reduces the risk of foreign bodies entering from above.
- The shading shield keeps the sun out of your eyes. In addition, the shield prevents rain and snow from sticking to your field of view and thus ensures optimum visibility.
- **High-quality visor for added security and wearing comfort:**
 - The visor is made of stainless, low-reflection, black powder-coated etched metal.
 - Transparency: max. 82%.
 - Protection class „S“ for increased durability.
 - Tested pursuant to EN 1731.
 - Improved protection against sawdust.
 - Special shape of the visor ensures effective protection at the sides and bottom.
- **Hearing-protection capsules:**
 - Pursuant to EN 352-3.
 - Excellent insulation and comfortable wear thanks to the soft earpiece pads with pressure-compensation ventilation ducts.



Art. No. 0899 200 160

P. Qty.: 1


Insulation capacity:

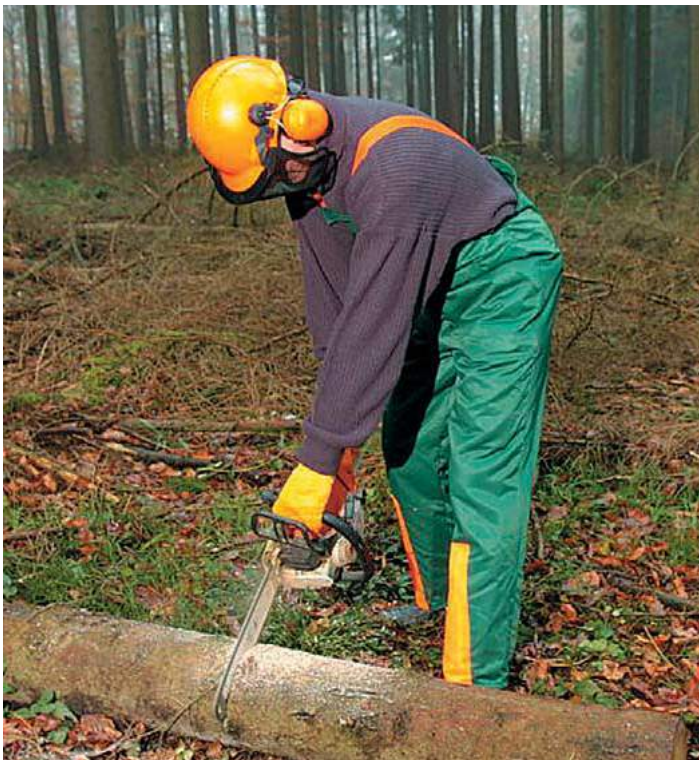
SNR value	L value	M value	H value
28 dB	16 dB	26 dB	35 dB



Professional Forest-Worker Helmet Combo CE

This forest-worker helmet combination meets the needs of professional forest workers, providing effective protection, good ventilation, comfortable wear and optimum visibility.

- **Tested and recognised by the FPA (German Forestry Testing Commission).** 
- Effective ventilation of the helmet via a large number of ventilation holes spread across a wide area.
- Very safe thanks to the special UV-stabilised ABS plastic used and the special helmet shape.
- Optimum visibility thanks to the short shield and professional visor.
- The visor, made of a stainless metal alloy with a patented mesh design, offers the best transparency possible and increased durability.
- **Visor:**
 - The visor is made of stainless, low-reflection, black powder-coated etched metal.
 - Transparency: max. 82%.
 - Protection class „S” for increased durability.
 - Tested pursuant to EN 1731.
 - Improved protection against sawdust.
- **Hearing-protection capsules:**
 - Pursuant to EN 352-3.
 - Excellent insulation and comfortable wear.



Art. No. 0899 200 150

P. Qty.: 1

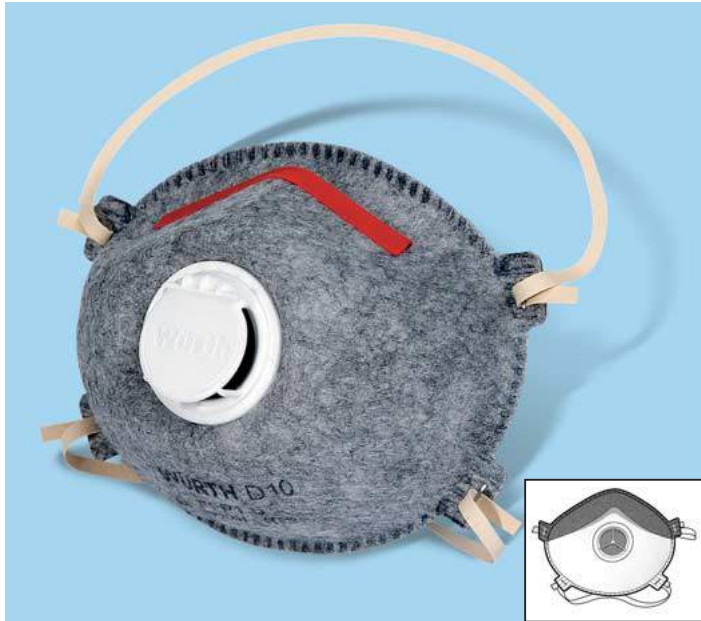
Insulation capacity:

SNR value	L value	M value	H value
28 dB	16 dB	26 dB	35 dB

Disposable Respirator Type FFP1 D

with active carbon complying with EN 149:2001

- For protection against solid and liquid aerosols and small quantities of organic vapours falling below AGW.
- Suitable for protecting the user against contaminants of low toxicity in concentrations of up to four times the AGW-value.
- Dolomite tested, i.e. the masks are resistant to blockages over a long period. This leads to greater breathing comfort and lessened fatigue.



Design

- With exhalation valve and sealing lip around nose.
- Extremely lightweight: 16.7 g.
- Latex-/PVC- and silicone-free.
- Two universal rubber bands: attached with staples.
- Low-flammability outer cup.
- Filtering material with active carbon layer.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 10	5

Areas of application

Textile, iron and steel industries, mining, structural and civil engineering, wood (excluding hardwood) processing, etc., protecting against dust and mist containing the following materials (list not exhaustive): calcium carbonate, kaolin, cement, cellulose, sulphur, cotton, flour, carbon, ferrous metals, vegetable oils, softwood.

Also against unpleasant smells: can be used in e.g. agriculture, knackers' yards, slaughterhouses, waste disposal, composting, fish processing and carcass disposal, when working with liquid manure and anywhere where the odour of decay is present.

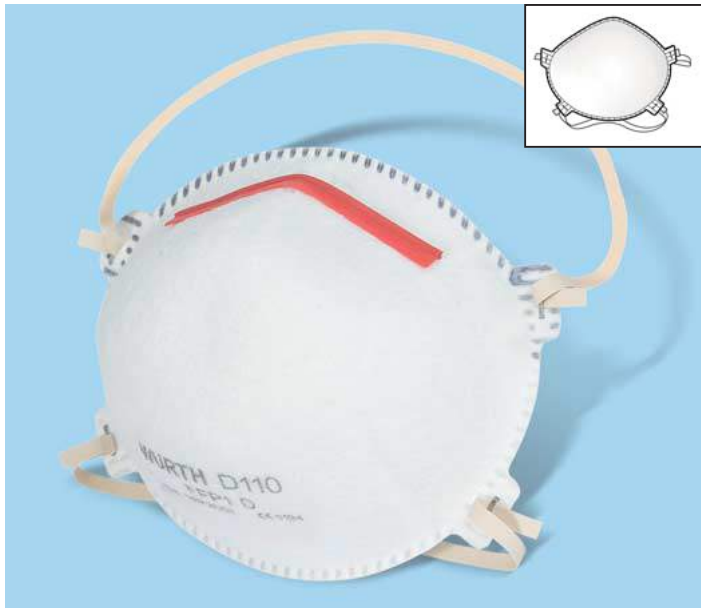
Caution! Our example applications claim neither comprehensiveness nor correctness. Constant research and investigation in the field of contaminants and their effect on the human body very often yield renewed assessments/classifications with respect to AGW-value and filter class grade.

Disposable Respirator Type FFP1 D

complies with EN 149:2001

- For protection against solid and liquid aerosols.
- Suitable for protecting the user against low-toxicity contaminants in concentrations of up to four times the AGW-value.

- Dolomite tested, i.e. the masks are resistant to blockages over a long period. This leads to greater breathing comfort and lessened fatigue.



Design

- Without exhalation valve.
- With sealing lip.
- Extremely lightweight: 9.5 g.
- Latex-/PVC- and silicone-free.
- Two universal rubber bands: attached with staples.
- Low-flammability outer cup.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 110	20



Design

- With exhalation valve and sealing lip around nose.
- Extremely lightweight: 15.1 g.
- Latex-/PVC- and silicone-free.
- Two universal rubber bands: attached with staples.
- Low-flammability outer cup.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 111	20

Areas of application

Textile, iron and steel industries, mining, structural and civil engineering, wood (excluding hardwood) processing, etc., protecting against dust and mist containing the following materials (list not exhaustive): calcium carbonate, kaolin, cement, cellulose, sulphur, cotton, flour, carbon, ferrous metals, vegetable oils, softwood.

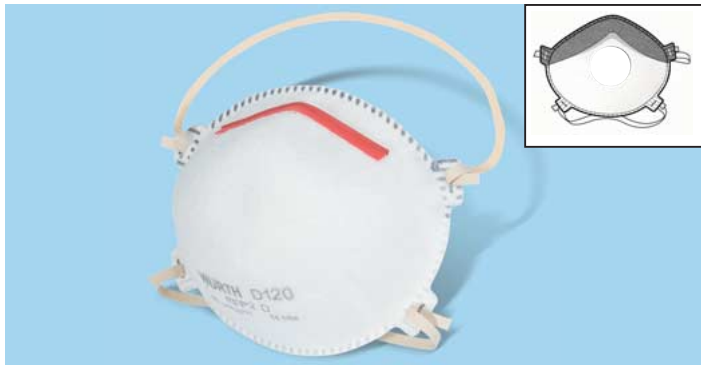
Caution! Our example applications claim neither comprehensiveness nor correctness. Constant research and investigation in the field of contaminants and their effect on the human body very often yield renewed assessments/classifications with respect to AGW value and filter class grade.

Disposable Respirator Type FFP2D

complies with EN 149:2001

- For protection against solid and liquid aerosols.
- Suitable for protecting the user against contaminants of up to average toxicity in concentrations of up to 10 times the AGW-value.

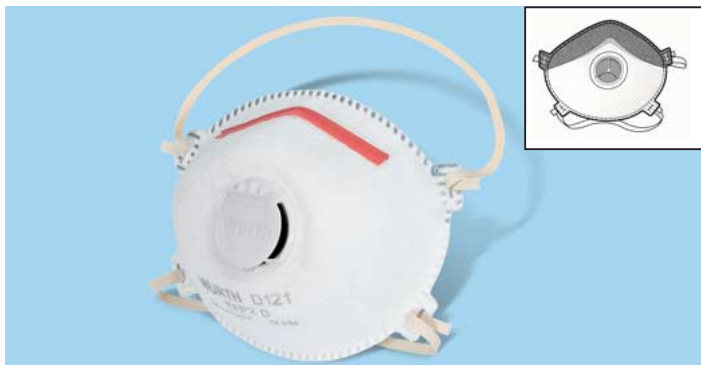
- Dolomite tested, i.e. the masks are resistant to blockages over a long period. This leads to greater breathing comfort and lessened fatigue.



Design

- Without exhalation valve; sealing lip around nose.
- Extremely lightweight: 10.8 g.
- Latex-/PVC- and silicone-free.
- Two universal rubber bands: attached with staples.
- Low-flammability outer cup.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 120	20



Design

- With exhalation valve and sealing lip around nose.
- Extremely lightweight: 16.1 g.
- Latex-/PVC- and silicone-free.
- Two universal rubber bands: attached with staples.
- Low-flammability outer cup.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 121	20



Design

- Comfort mask with exhalation valve and all-round sealing lip.
- Very lightweight: 27.5 g.
- Latex-/PVC- and silicone-free.
- Two adjustable headbands, increasing user comfort.
- Low-flammability outer cup.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 112	5

Areas of application

Textile, iron and steel industries, mining, structural and civil engineering, car body construction, wood processing, agriculture and horticulture, welding, cutting and casting of metals, etc., protection against dust, mist and smoke containing the following materials (list not exhaustive): calcium carbonate, sodium silicate, graphite, plaster, cellulose, sulphur, cotton, fibreglass, plastic, hardwood, carbon, vegetable and mineral oils, quartz, copper, aluminium, barium, titanium, vanadium, chromium, manganese, molybdenum, bacteria, fungi.

Caution! Our example applications claim neither comprehensiveness nor correctness. Constant research and investigation in the field of contaminants and their effect on the human body very often yield renewed assessments/classifications with respect to AGW-value and filter class grade.

Disposable Respirator Type FFP3D

complies with EN 149:2001

- Permitted for protection against solid and liquid aerosols and allowing an unsurpassable single-use protection against high-toxicity contaminants and those presenting a biological risk at up to 30 times the AGW-value (nominal protection factor).
- Dolomite tested, i.e. the masks are resistant to blockages over a long period. This leads to greater breathing comfort and lessened fatigue.



Design

- Comfort mask with exhalation valve and all-round sealing lip.
- Very lightweight: 29.0 g.
- Latex-/PVC- and silicone-free.
- Two adjustable headbands, increasing user comfort.
- Low-flammability outer cup.
- Skin-friendly material.
- Shape-to-fit nose clip.

Art. No.	Pack Qty.
0899 114	5

Areas of application

Textile, iron and steel industries, mining, structural and civil engineering, pharmaceutical industry, nuclear energy, wood processing, disposal of toxic waste, (Ni-Cad) battery production, welding, cutting and casting of metals, etc., protection against (list not exhaustive): calcium carbonate, sodium silicate, graphite, plaster, cellulose, sulphur, cotton, fibreglass, hardwood, silica, carbon, quartz, aluminium, copper, barium, titanium, vanadium, chromium, manganese, molybdenum, antimony, nickel, platinum, rhodium, strychnine, uranium (dust, smoke and radioactive particles), oil mist, metal dust and smoke, moderately radioactive particles, viruses, bacteria, fungi, enzymes.

Caution! Our example applications claim neither comprehensiveness nor correctness. Constant research and investigation in the field of contaminants and their effect on the human body very often yield renewed assessments/ classifications with respect to AGW-value and filter class grade.



Universal Mask AS 136

FFP2 S with active carbon complying with EN 149

Areas of application

- Protects against solvent vapours with contaminant concentrations of less than AWG and against particles of class FFP2 S.
- Particularly suitable for:
welding work **at below AWG**
spray painting **at below AWG**.

Applications

- Spray painting, paint-mist, solvent vapours, vapours resulting from the processing of adhesives and ozone where contaminant concentrations are below MAC.
- Metal smoke, toxic dusts, fibres and particles up to 10 times the maximum value.
- Very effective against welding smoke.

Design

- Practical folding mask.
- Exhalation valve.
- Low weight: only 17 g.
- Pass-through head bands.
- Shape-to-fit nose clip.
- Sealing lip around nose.
- Very good sealing face.
- Soft, skin-friendly material.
- Hygienic individual packaging.

Caution

Our example applications claim neither comprehensiveness nor correctness. Constant research and investigation in the field of contaminants and their effect on the human body very often yield renewed assessments/classifications with respect to AWG-value and filter class grade.

Description	Filter class	Instructions for use	Art. No.	P. Qty.
Universal respirator AS 136	FFP2 S	With active carbon to filter out unpleasant organic odours, ozone and solvent concentrations under AWG. Against solid particles and aqueous aerosols. Up to 10 times the maximum value for hazardous substances.	0899 136	1



Paint-Spray Protection Mask

CE 96.0194

Disposable mask with double filter FFA 1 according to EN 405

- Gas-filtering half mask for use against organic gases and vapours up to 30 times their limit values.
- Safety on account of a comfortable sealing fit.
- Comfortable fit because of head bands.
- Good distribution of weight.
- Low breathing resistance.
- Tightly fitting filters resulting in good freedom of movement.
- Suitable for persons wearing glasses.
- On account of high charcoal content the disposable paint-spray mask can be used until the charcoal is used completely. Depending on the amount of contamination in the ambient air the mask can be used for several days. Please ensure that the mask is put back into the sealable bag when it is not in use (break, end of shift etc.). This can decisively extend the service life of the mask.
- The mask is completely burnable.

Art. No. 0899 160

Pack Qty.: 1

Application Areas

Mainly for paint-spraying and when handling solvents (e.g. diluting agents such as butyraldehyde, Z-thoxyl ethyl acetate, or xylol; combined solvents such as turpentine oil, or CKW such as Tri).

Please Note

Our examples for the application do not claim to be complete or correct. Constant research and test about pollutants and their effects on the human body are frequently subject to new assessment or new assignment with respect to AGW-value and therefore to the respective filter class.



Half Mask Facepiece HM 173

With bayonet attachment complying with EN 141

- The perfect sealing face thanks to a soft, pleasant mask body.
- Double filter for minimal obstruction to breathing.
- Bands fixed at 4 points for a high degree of stability.
- Can be used in conjunction with safety goggles.
- Silicone-free.

Art. No. 0899 173 Pack Qty. 1

Areas of application

Chemical and paint processing workshops, refuse disposal and decontamination companies, wood processing and finishing workshops, flooring companies, plastic processing, car and other workshops (employing the correct filter in each case).

Please note: filter is not included in delivery.



Paint Spray Set

Consists of:

- 1 x half mask facepiece HM 173
- 2 x gas filter A2
- 2 x fine dust filter P 2
- 2 x filter container
- 1 x convenient storage box!

Art. No. 0899 173 100 Pack Qty. 1

Accessories

Storage box (empty)

Art. No. 0899 171 000 Pack Qty. 1

Areas of application

The ready-to-use paint spray set for painting and for the application of solvents.



Gas and combination filter Fine dust filter

For half mask HM 173

- Bayonett attachment system complying with EN 141.
- Lightweight.
- Ideal weight distribution.
- Gas filters, when used in conjunction with the filter container, Art. No. 0899 173 007, can be combined with the fine dust filters.

Areas of application

Chemical and paint processing workshops, refuse disposal and decontamination companies, wood processing and finishing workshops, flooring companies, plastic processing, car and other workshops (employing the correct filter in each case).



Filter type	Identification colour	Hazardous substance	Application	Art. No.	Pack Qty.
P2 ①	white	Fine dusts up to 10 times the limit value, with full face mask up to 15 times the limit value	As a particle prefilter for gas filters for solid and liquid particles Fitting for Art. No. 0899 173 003	0899 173 001	10
P3 ②	white	Fine dusts up to 30 times the limit value, with full face mask up to 400 times the limit value	Against solid and liquid particles of toxic, highly toxic and carcinogenic substances	0899 173 002	6
A2 ③	brown	Organic vapours and gases (boiling point above 65°C)	Spray painting, applying of solvents (highly absorptive)	0899 173 003	6
A2 P3 ④	brown white	Organic vapours and gases (boiling point above 65°C) and fine dusts (see P3)	Spray painting, solvents, highly toxic and carcinogenic substances	0899 173 004	4
A1 B1 E1 K1 ⑤	brown yellow grey green	Organic vapours, inorganic and acidic gases, ammoniac and derivatives	Application of chlorine, bleaching agents, hydrochloric acid, sulphur dioxide, methyl amine	0899 173 005	4
ABEK1 P3 ⑥	brown yellow grey green white	Organic vapours, inorganic and acidic gases, ammoniac and derivatives fine dust up to 30 times the limit value, with full face mask up to 400 times the limit value	Application of chlorine, bleaching agents, hydrochloric acid, sulphur dioxide, methyl amine, against solid and liquid particles of toxic, very toxic and carcinogenic substances	0899 173 006	4
Filter container ⑦		Is required when using the particle prefilter for all gas filters		0899 173 007	2



VM 142 Full-Face Mask

Full-face mask according to EN 136 Class 2, with standardised round-thread connection according to EN 148-1

Art. No. 0899 142

P. Qty. 1

The VM 142 full-face mask is the ideal solution in environments in which not only high-performance breathing protection, but also clear vision is required.

- Intelligent ventilation system for non-fogging visor.
- Mask body consists of high-quality, durable EPDM material.
- The double sealing frame and the triple sealing line offer reliable protection and a tight seal for all face shapes.
- Large, distortion-free visor of scratch-proof Plexiglas (PMMA).
- Effortlessly adjustable 5-point straps.

Applications

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.



Accessories

Carrying Can for Full-Face Mask and Filter

- For storing and constant provision of full-face mask and filter.

Art. No. 0899 142 020

P. Qty. 1



Visor Protection Film

- For protecting the visor during painting work.

Art. No. 0899 142 001

P. Qty. 25



Screw Filters for VM 142 Full-Face Mask



Quality filters according to EN 143:2000 and EN 14387, for breathing protection devices with standardised round thread according to EN 148-1.

- DIN EN screw filter with round-thread connection according to EN 148-1.
- Filter housing of aluminium (exception P3 – of plastic).
→ Results in low weight.
- Recloseable openings.
→ Results in long service life.
- Low breathing resistance.
- Long shelf life.
→ 6 years for Gas and combination filter.
→ 12 years for particle filter.



Filter type	ID colour	Main application (type of pollutant)
A	brown	Gases and vapours of organic compounds, boiling point > 65°C
B	grey	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide (hydrocyanic acid)
E	yellow	Sulphur dioxide, hydrogen chloride, other acidic gases
K	green	Ammonia and organic ammonia derivatives
Hg	red	Mercury vapour
P	white	Particles

Filter type	Art. No.	P. Qty.
P3 RD	0899 142 300	1
A2	0899 142 012	1
A2-P3 RD	0899 142 312	1
A2B2-P3 RD	0899 142 014	1
A2B2E2K2Hg-P3 RD	0899 142 015	1

Recommended Uses for Full-Face Mask and Filter*

Area Where?	Activity What?	Substances, materials With what? Of what?	Hazardous substances	Filter
General	Handling	of chemicals	Particles and substances that can be identified	ABEK2Hg-P3
General	Transports	of dangerous substances	Various	ABEK2Hg-P3
General	Cleaning	Handling of petroleum ether or nitro thinner	Solvent vapours	A2
Construction	Preparation	Excavation of contaminated/soiled earth	Gases, solvents, dust particles	ABEK2Hg-P3
Disposal	General handling	Handling of mould/fungus spores	Fungus spores	P3
Woodworking	Removal of paint	Flaming-off old coatings	Gases, vapours, smoke,	fine particles
AB2-P3	Agriculture	Spraying	Pesticides (organic/evaporating)	Insecticides/pesticides
A2-P3	Agriculture	Cleaning/emptying	Chicken or pig dung containers	Dust particles, ammonia, H ₂ S
ABEK2Hg-P3	Painting/lacquering	work	Spraying/painting	Water-soluble
paints	Fine paint particles	A2-P3	Painting/lacquering work	Spraying/painting
Paints, artificial resin paints and	bleaching agents containing solvents	Solvent vapours and mist	A2-P3	Painting/lacquering work
Spraying/painting	Isocyanates (containing solvents)	Painting/lacquering work	Solvent vapours	and paint particles
wood preservatives	Organic vapours	A2-P3	Spraying/painting	Lacquers and
			Medicine	General handling

* This table is an orientation aid for the selection of masks and filters.

It does not relieve the user from the observance of the nation application rules and laws, e.g. in Germany the BGR 190. It is not a substitute for the observance and understanding of the instructions for use included with the products.



Face-Protection Screen

Perfect protection for grinding and cutting work, as well as against dripping or splashing liquids.

- Maximum safety with optimum wearing comfort.
- Special geometry offers expanded protection for the forehead and chin
- Large, resistant polycarbonate visor with wide field of vision
- Easy, fast screen replacement.
- Multiply adjustable visor inclination.
- Individual adaptation of the headband
- Soft padding of all parts that come into contact with the head
- Tested pursuant to EN 166 and 170

Applications

Automobile, construction, chemical, and heavy industry, painting, welding, and cutting

Designation	Art. No.	P. Qty.
Face-protection screen, complete, with polycarbonate screen	0899 101 202	1
Replacement screen, polycarbonate	0899 101 203	1
Protective film for visor ①	0899 101 204	10



Storage Box

For Personal Safety Equipment

- Order signs included in the scope of delivery.
- Optimum storage box for personal protective equipment at the workplace.
- Always on hand and stored cleanly.
- Suitable for safety goggles, breathing protection (half masks), hearing protection earmuffs
- Dimensions: 225 x 180 x 120 mm (WxHxD).

Art. No. 0899 102 360

P. Qty. 1



TAURUS Safety Goggles

Sporty, dynamic metal goggles for perfect protection during work, free time, and sports

- Maximum safety with optimum wearing comfort
- High-quality metal frame
- Good fit and pleasant wearing comfort
- Permanently antifogging coating of the lenses
- Individually adjustable, flexible nosepiece ①
- Screwless mounting of the lens – highest degree of safety in case of mechanical loads ②
- Microfiber bag for storing and cleaning the goggles (included in delivery) ③
- 100% UV protection

Designation	Model	This corresponds to	Art. No.	P. Qty.
Taurus Safety Goggles	clear	EN 166 and EN 170	0899 102 290	1
	gray	EN 166 and EN 172	0899 102 291	

LIBRA® SAFETY GOGGLES



The light-weight among safety goggles.

Properties and advantages:

- Unique ultra-light safety goggles for unhindered working.
- Barely noticeable light weight at just 18 g (Fig. 1).
- First-class wearing comfort thanks to a new type of bow technology:
 - Dual-component technology for a pressure-free fit.
 - Smooth transition from hard to soft plastic (Fig. 2) on the bow end.
- Extremely thin and breakproof lens.
- Lens with extraordinary visual clarity.
- Optimum fit and wearer safety.
- Perfect safety and a sporty design.
- Unique coating:
 - Outside: extremely scratch-resistant.
 - Inside: always condensation-free.
- 100 % UV protection (up to 400 nm).



Design	Art. No.	P. Qty.
Clear	0899 102 270	1
Gray	0899 102 271	1



Fig.1

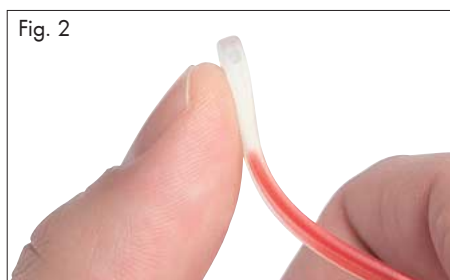


Fig. 2



GOGGLES CASE



Properties and advantages:

- With zipper and belt loop.
For safe storage of goggles and corresponding spare lenses.

Art. No.	P. Qty.
0899 102 350	1

WEGA® SAFETY GOGGLES



Applications:

Thanks to their great variability, Wega® safety goggles are the ideal glasses under frequently changing conditions of use. From lathing and milling work to applications with a high dust and particle loading level to wind protection when working outdoors - the Wega® is an extremely reliable companion. And the all-around protection is even retained in combination with other personal safety equipment.

Sporty strap goggles with perfect all-around protection

- Permanently molded-on, flexible component:
 - Reliably shields the eyes against flying particles
 - Snugly and individually adapts to shape of face to provide pleasant wearing comfort and perfect protection
- Combines properties of strap goggles and full-vision goggles in one model
- Optimal fit thanks to strap length adjustment and strap inclination
- High-quality coating of lenses:
 - Outside: extremely scratch-resistant
 - Inside: always condensation-free
- 100% UV protection up to 400 nm
- Complies with EN 166 and EN 170

Version	Art. No.	P. Qty.
Clear	0899 102 115	1

LIBRA® SAFETY GOGGLES



- Outstanding combination with prescription glasses possible ①
- No contact between straps and prescription glasses, therefore no pressure points
- Fast, automatic adjustment of straps to head shape
Outstanding fit and safety ②
- Soft, especially flexible strap ends offer pleasant wearing comfort ③

Applications:

Milling, lathing and grinding work, precision mechanical work, assembly and laboratory work, outdoor work, visitor's goggles

Libra® outer goggles combine perfect protection, pleasant wearing comfort and versatility in a single model. Whether they are used as outer goggles in conjunction with prescription glasses, as visitor's goggles or as universal safety goggles for everyday working conditions - Libra® outer goggles meet an extremely broad range of requirements.

- Excellent coverage of eye area
- Innovative lens technology with excellent optical clarity: wave-front-optimized polycarbonate lenses offer a crystal-clear view and distortion-free image quality:
 - Fatigue-free working
 - Higher powers of concentration
 - Increased wearing comfort
 - Avoidance of risk of accidents and errors
 - Optimally suited for long periods of use and in conjunction with prescription glasses
- High-quality coating of lenses:
 - Outside: extremely scratch-resistant
 - Inside: always condensation-free
- 100% UV protection up to 400 nm
- Complies with EN 166 and EN 170

Version	Art. No.	P. Qty.
Clear	0899 102 275	1



Fig. 1

Available models:

- Clear: complies with EN 166 and EN 170
- Yellow: complies with EN 166 and EN 170
With contrast-increasing effect under poor lighting conditions.
Supports fluorescent effect when using leak-finding systems with additives.
- Grey: complies with EN 166 and EN 172
Can be used as glare protection against radiation sources and sun.
Perception of signal colours ensured.

Designation	Model	Art. No.	P. Qty.
Sirius Safety Spectacle	clear	0899 102 200	1
	yellow	0899 102 201	
	grey	0899 102 202	
Replacement lens	clear	0899 102 210	
	yellow	0899 102 211	
	grey	0899 102 212	

SIRIUS Safety Spectacle

New, unique safety spectacle that faces up to the tough requirements of the working world and at the same time sets new standards in the sports sector.

- New, unique wearing feel thanks to all-new bow technology.
- More contact points on head than conventional spectacles, therefore absolutely no irritation or pressure points.
- Secure, firm seating even during extreme activities.
- Individual lens adjustment.
- "Z-fold" in forehead area for first-class ventilation also acts as a shock absorber (Fig. 1).
- Highly impact-resistant polycarbonate lens.
- Unique coating (outside extremely scratchproof, inside permanently resistant to fogging).
- Fast, simple lens changes.
- 100% UV protection up to 400 nm.
- Complies with EN 166 and EN 170.



Case for SIRIUS Safety Spectacle

- Practical zipper case with spring hook and belt loop for storing Sirius safety spectacle.
- The special geometry and curvature of the case guarantees optimum adaptation and ensures a high level of wearing comfort.
- Additional inside compartment for storing replacement lenses.
- Ideal for daily work routine, sports and leisure activities.

Art. No. 0899 102 203

P. Qty. 1



CASSIOPEIA Safety Goggles

- Pioneering, dynamic design.
- Bows with four air cushions for pressure-free fit (Fig. 1).
- Length and rake of bows can be adapted individually (Fig. 2).
- Covers large area.
- Wide field of vision due to ergonomically shaped lenses.
- Highly impact-resistant poly-carbonate lenses.
- Scratchproof coating.
- 100% UV protection up to 400 nm

Available models:

- Clear: complies with EN 166 and EN 170
- Yellow: complies with EN 166 and EN 170
With contrast-increasing effect under poor lighting conditions.
Supports fluorescent effect when using leak-finding systems with additives.
- Grey: complies with EN 166 and EN 172
Can be used as glare protection against radiation sources and sun.
Perception of signal colours ensured.

Designation	Model	Art. No.	P. Qty.
Cassiopeia Safety Goggles	clear	0899 102 220	1
	yellow	0899 102 221	
	grey	0899 102 222	



CEPHEUS Single-Lens Strap Goggles

- Light safety goggles with duospherical lens.
- Sporty flexible bows for pressure-free fit.
- Unrestricted side perception.
- Highly impact-resistant polycarbonate lens.
- Scratchproof coating.
- 100% UV protection up to 400 nm.

Designation	Model	Complies with standard	Art. No.	P. Qty.
Cepheus Single-Lens Strap Goggles	clear	DIN EN 166 + 170	0899 102 250	1
	yellow	DIN EN 166 + 170	0899 102 251	
	grey	DIN EN 166 + 172	0899 102 252	



FORNAX Single-Lens Safety Spectacle

- Pleasantly light, modern design.
- Length-adjustable bows with air cushions for high wearing comfort.
- Lens rake can be adjusted individually.
- Highly impact-resistant polycarbonate lens with integrated side protection.
- Unique coating (outside extremely scratchproof, inside permanently resistant to fogging).
- Simple, fast lens replacement.
- 100% UV protection up to 400 nm.
- Complies with EN 166 and EN 170.

Designation	Art. No.	P. Qty.
Fornax Single-Lens Safety Spectacle	0899 102 240	1
Replacement lens, polycarbonate	0899 102 241	1



Polycarbonate Cover Spectacle

- Can be worn over all prescription glasses
- Unrestricted side perception thanks to panorama lens with 180° field of vision.
- Polycarbonate lens with frosted top section for suppression of reflections.
- Complies with EN 166 and EN 170.

Designation	Art. No.	P. Qty.
Cover Spectacle, polycarbonate	0899 102 230	1



ANDROMEDA Full-Vision Goggle

- Innovative two-component technology for reliable protection and maximum wearing comfort.
- Large-volume; excellently suited for users who wear glasses (Fig. 1).
- Panorama field of view.
- First-class eye climate thanks to optimum ventilation.
- Can be combined with half masks.
- Highly impact-resistant polycarbonate lens.
- Unique coating (outside extremely scratchproof, inside permanently resistant to fogging).
- Fast, simple lens changes.
- Individually adjustable head strap.
- 100% UV protection up to 400 nm.
- Complies with EN 166 and EN 170.

Designation	Art. No.	P. Qty.
Andromeda Full-Vision Goggle	0899 102 110	1
Replacement lens, polycarbonate	0899 102 111	1



Full-Vision- Safety Goggle

- Large-volume; excellently suited for users who wear glasses.
- All-round ventilation system.
- Frosted body for suppressing light reflections.
- Can be combined with half masks.
- Chemical-resistant acetate lens.
- Fogproof coating.
- Lenses easy to replace.
- Individually adjustable head strap.
- Complies with EN 166 and EN 170.

Designation	Art. No.	P. Qty.
Full-Vision Safety Goggle	0899 102 100	1
Replacement lens, acetate	0899 102 101	1



Glasses-Cleaning Towelettes

- Special moist cleaning towelettes for gentle cleaning of all glasses, especially all safety glasses.
- Suitable for all glasses coatings.
- Silicone-free.
- Practical dispenser box with 100 individually packaged moist cleaning towelettes.

Art. No. 0899 102 300

P. Qty. 100

AUTOMATIC WELDER'S HELMET

WSH II 5-13

Art. No. 0984 680 100

P. Qty. 1

For demanding welders who switch welding processes

- Continuous adjustment between protection levels 5 - 13.

Helmet shell

- Lightweight, so it's very comfortable to wear
- Increased wearing comfort and minimum strain on neck muscles.
- Recessed viewing window for preventing scratches **2**
- Special smoke-repellant design **3**
- Comfortable head band with individually adjustable telescopic mechanism

Anti-glare cassette

- Large field of view **1**
- Fully automatic darkening in fractions of a millisecond
- Exchangeable support battery for a constant energy supply.
- Grinding mode for switching off cassette for flicker-free grinding.

Applications:

All electric welding methods: Electrode welding, MIG/MAG, high-performance welding, flux-cored wire welding, TIG welding, plasma welding and micro-plasma welding.

Attention: Not suitable for laser welding!



- Adjustable sensor slider for changing the coverage angle from 120° to 60°.
- Large field of view
- Opening delay to adjust the switching time from the dark state back to the light state.
- Fine adjustment of protection levels between DIN 5 - 9 and DIN 9 - 13 (model WSH II 5 - 13) or DIN 9 - 13 (model WSH II 9 - 13)
- Grinding mode for switching off cassette for flicker-free grinding.
- Regulator for adjusting the sensitivity to the surrounding conditions and the user's own needs.
- Exchangeable support batteries for a constant energy supply.
- Protection level adjustment to DIN 5 - 9 or DIN 9 - 13

Technical data	
Light/dark switching time	0.2 ms
Opening delay "fast"	0.10 - 0.35 s
Opening delay "slow"	0.35 - 0.80 s
Transparency (light)	Protection level 4
Transparency (activated)	Protection levels 5 - 9 and 9 - 13
UV- and IR-protection	Permanently ensured
Grinding mode	DIN 4
Cassette size	90 x 110 x 7 mm
Size of field of view	100 x 50 mm
Operating temperature	-10°C to +70°C
Power supply	Solar cells and two replaceable 3 V button cells (CR2032)
Test symbol	ECS, CE, ANSI, GOST-R
Standard	EN 166, EN 175, EN 379
Mask material	PA 6.6
Head band	4x adjustable
Weight	490 g complete

Accessories/Spare parts		
Designation	Art. No.	P. Qty.
Anti-Glare Cassette	0984 680 110	1
External Viewing Window	0984 680 02	2
Internal Viewing Window	0984 700 05	5
4x Head Band	0984 720 12	1
Sweat Band	0984 700 14	5
3 V Button Cell (CR2032)	0827 082 032	1

AUTOMATIC WELDER'S HELMET

WSH II 9-13



Art. No.
0984 670 110

- 1 Adjustable sensor slider for changing the coverage angle from 120° to 60°.
- 2 Large field of view
- 3 Opening delay to adjust the switching time from the dark state back to the light state.
- 4 Fine adjustment of protection levels between DIN 9 - 13.
- 5 Grinding mode for switching off cassette for flicker-free grinding.
- 6 Regulator for adjusting the sensitivity to the surrounding conditions and the user's own needs.
- 7 Exchangeable support batteries for a constant energy supply.
- 8 "Auto" or "Manual" mode can be set

Technical data	
Light/dark switching time	0.2 ms/0.1 ms at 55°C
Opening delay "fast"	0.10 - 0.35 s
Opening delay "slow"	0.35 - 0.80 s
Transparency (activated)	Protection level 9 - 13
Transparency (light)	Protection level 4
UV and IR protection	Permanently ensured
Grinding mode	DIN 4
Cassette size	90 x 110 x 7 mm
Size of field of view	100 x 50 mm
Operating temperature	-10°C to +70°C
Power supply	Solar cells and two replaceable 3 V button cells (CR2032)
Test symbol	ECS, CE, ANSI, GOST-R
Standard	EN 166, EN 175, EN 379
Mask material	PA 6.6
Head band	4x adjustable
Weight	490 g complete

Art. No. 0984 670 100

P. Qty. 1

Ideal for any application types which involve switching welding processes

- Continuous adjustment between protection levels 9 - 13.
- Features automatic mode, which automatically adjusts the protection level to fit the actual welding conditions

Helmet shell

- Lightweight, so it's very comfortable to wear
- Minimum strain on neck muscles
- Recessed viewing window for preventing scratches **2**
- Special smoke-repellant design **3**
- Comfortable head band with individually adjustable telescopic mechanism

Glare protection cassette

- Large field of view **1**
- Fully automatic darkening in fractions of a millisecond
- "Auto" or "Manual" mode: For automatic adaptation of protection level or manual adjustment to arc intensity
- Exchangeable support battery for a constant energy supply.
- Grinding mode for switching off cassette for flicker-free grinding.

Applications:

All electric welding methods: Electrode welding, MIG/MAG, high-performance welding, flux-cored wire welding, TIG welding and plasma welding.

Attention: Not suitable for laser or gas welding!

Accessories/Spare parts		
Designation	Art. No.	P. Qty.
Anti-Glare Cassette	0984 670 110	1
External Viewing Window	0984 680 02	2
Internal Viewing Window	0984 700 05	5
4x Head Band	0984 720 12	1
Sweat Band	0984 700 14	5
3 V Button Cell (CR2032)	0827 082 032	1

AUTOMATIC WELDER'S HELMET

WSH II 3/11

Art. No. 0984 650 100

P. Qty. 1



While the anti-glare cassette achieves protection level 3 in the non-activated state, it is darkened to protection level 11 in a fraction of a millisecond when activated.

- Recessed viewing window for preventing scratches on the window when setting down the helmet **1**
- Special smoke-repellant design **2**
- Lightweight, so it's very comfortable to wear

Applications:

Electrode welding, MIG steel, MIG aluminum, MIG stainless, MAG and TIG.

Attention: Not suitable for laser or gas welding!



Technical data	
Light/dark switching time	0.4 ms 0.1 ms at 55°C
Dark/light switching time	0.20 – 0.30 s
Transparency (light)	Protection level 3
Transparency (activated)	Protection level 11
Watertight as per IP 67	At least 30 min under water
UV- and IR-protection	Permanently ensured
Cassette size	90 x 110 x 7 mm
Size of field of view	98 x 38 mm
Operating temperature	-10°C to +70°C
Power supply	Solar cells, no battery change required
Test symbol	ECS, CE, ANSI, GOST-R
Standard	EN 166, EN 175, EN 379
Mask material	PA 6.6
Head band	4x adjustable
Weight	460 g complete

Accessories/Spare parts		
Designation	Art. No.	P. Qty.
Anti-Glare Cassette	0984 650 10	1
External Viewing Window	0984 680 02	2
Internal Viewing Window	0984 700 04	5
4x Head Band	0984 720 12	1
Sweat Band	0984 700 14	5



Art. No. 0984 650 10



Welding Viewer

- Glass size 90 x 110 mm.
- Weight: 465 grammes

Designation	Art. No.	P. Qty.
Welding viewer w/o glasses	0713 82 100	1



Protective Screen

Fibreglass-reinforced plastic

- Glass size 90 x 110 mm.
- Heat-resistant and impenetrable to rays.
- Splash resistant and resistant to burning through.
- Stepless size adjustment of the head strap.
- Fold-up face protection.
- Weight: 390 grammes

Designation	Art. No.	P. Qty.
Protective screen with head strap, without glasses	0713 82 101	1



Replacement Glasses

for **0713 82 100**
and **0713 82 101**

- Dimensions 40 x 110 mm.

Designation	Art. No.	P. Qty.
Repl. glass clear 2 mm	0984 500 101	2

- Dimensions 90 x 110 mm.

Designation	Art. No.	P. Qty.
Repl. glass clear (hard glass 2 mm)	0984 500 100	10
Repl. glass 8 DIN green	0984 500 108	
Repl. glass 9 DIN green	0984 500 109	
Repl. glass 10 DIN green	0984 500 110	
Repl. glass 11 DIN green	0984 500 111	
Repl. glass 12 DIN green	0984 500 112	
Repl. glass 13 DIN green	0984 500 113	
Repl. glass 14 DIN green	0984 500 114	
1000 hour glass, colorless	0984 500 200	
Repl. glass, metalized 8 DIN	0984 500 208	
Repl. glass, metalized 10 DIN	0984 500 210	
Repl. glass, metalized 11 DIN	0984 500 211	



FORNAX Welding Shade Spectacle

- Pleasantly light, modern design.
- Length-adjustable bows with air cushions for high wearing comfort.
- Lens rake can be adjusted individually.
- Highly impact-resistant polycarbonate lens with integrated side protection.
- UV and IR protection.
- Simple, fast lens replacement.
- Complies with EN 166 and EN 169.

Designation	Art. No.	P. Qty.
Replacement lens 5 DIN	0984 502 500	1



Welding Goggle with Flip-Up

- Full-vision welder's goggle with tight-fitting goggle body.
- Fold-up filter holder.
- UV and IR protection.
- Can also be worn over prescription glasses.
- Indirect ventilation system for good eye climate.
- Lenses easy to replace.
- Lenses in base section of CA, clear.
- Individually adjustable, comfortable head strap.
- Complies with EN 166 and EN 169.

Designation	Art. No.	P. Qty.
Welding Goggle 5 DIN	0984 503 51	1
Welding Goggle 8 DIN	0984 503 81	1
Replacement lens, colourless	0984 503 500	10
Replacement lens 5 DIN	0984 503 510	10
Replacement lens 8 DIN	0984 503 810	10



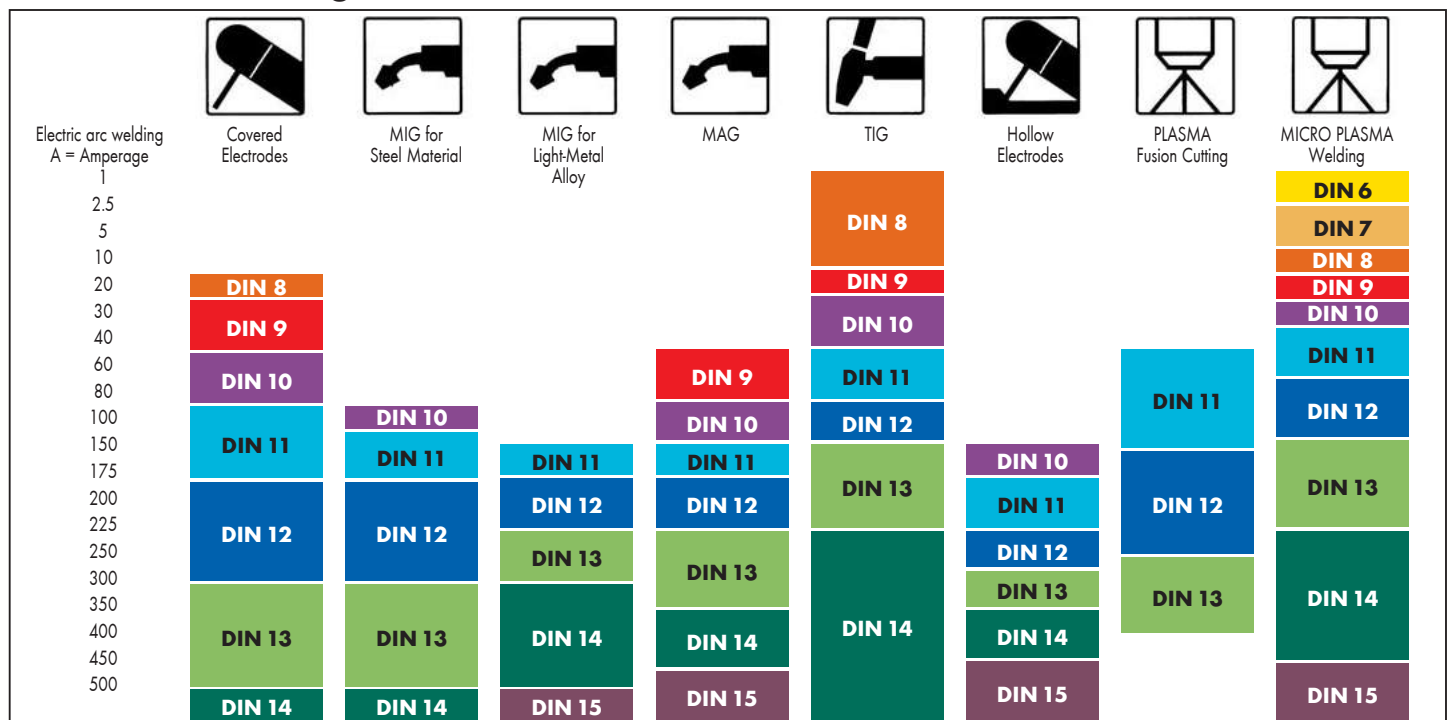
Welder's Goggles CEPHEUS

- Lightweight and comfortable welder's goggles.
- Modern design.
- Highly impact-resistant polycarbonate lens.
- Special welder-protective coating minimizes the burning in of welding sparks.
- UV and IR protection.
- Complies with EN 166 and EN 169.

Designation	Art. No.	P. Qty.
Welder's Goggles "Cepheus" 2 DIN	0984 502 120	1
Welder's Goggles "Cepheus" 5 DIN	0984 502 150	1

Aids for protection level selection – Applications according to DIN 4647 and EN169

Electric arc welding



Gas welding

Protective filter stages	Application	Consumption	
		Gas	Volume throughput (l/h)
DIN 1,7	For welder's assistants Against leakage radiation		
DIN 2	Light torch and cutting work		
DIN 3	Flame rust removal		
DIN 4	Welding and brazing	Acetylene	< 70
	Flame cutting	Oxygen	< 900
DIN 5	Welding and brazing	Acetylene	70 > 200
	Flame cutting	Oxygen	900 > 2,000
DIN 6	Welding and brazing	Acetylene	200 > 800
	Flame cutting	Oxygen	2000 > 4,000
DIN 7	Welding and brazing	Acetylene	> 800
	Flame cutting and scarfing	Oxygen	4000 > 8,000
DIN 8	Flame cutting	Oxygen	> 8,000



Welder's Leggings made of split leather

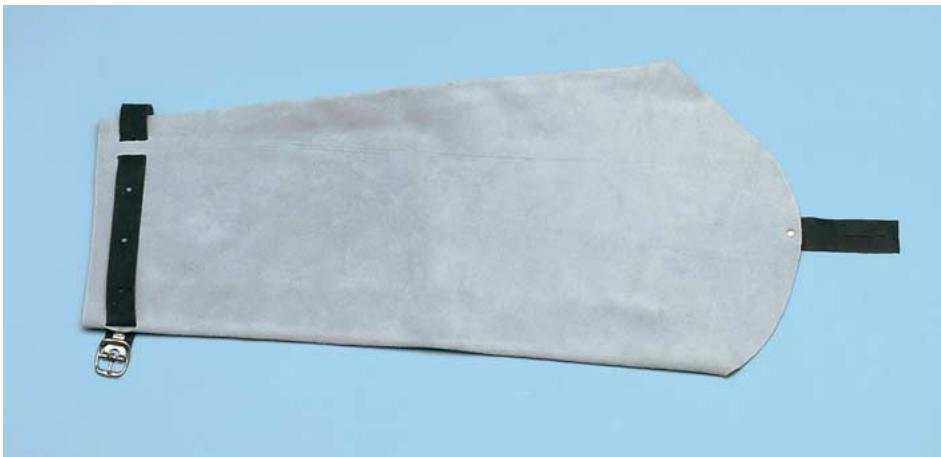
- With foot section and web.
- With 2 clasp straps.
- Length about 40 cm.

Art. No. 0984 317

P. Qty. 2

Applications

Particularly suitable for use in welding shops, turning shops and foundries.



Arm Protection made of split leather

- Split leather sleeves for attaching at the shoulder.
- Wrist closing strap.
- Colour: natural.
- Length about 56 cm.

Art. No. 0984 318

P. Qty. 2

Applications

Particularly suitable for welding shops, turning shops, foundries, pressrooms and general metalworking.

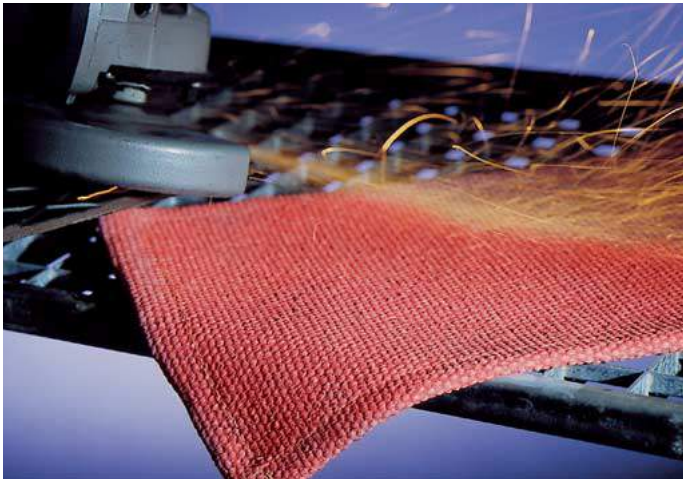


Welder's Aprons

- With chest bib and height-adjustable leather belts, therefore suitable for any body size.

Designation	Type	Applications	Art. No.	P. Qty.
Split leather	100 x 80 cm Rough surface	Ideal protection against cuts and wear. Sheet metal working, glass work, shipbuilding and mechanical engineering, car body construction	0984 312	
Full leather	100 x 80 cm Smooth surface	The ideal protection for: Welding shops, distilleries, foundries, zinc plating shops. Thanks to the smooth surface, insensitive to: Flying sparks, welding beads, liquid steel or aluminium.	0984 313	1

HIGH-TEMPERATURE PROTECTIVE BLANKETS



**For the protection of sensitive components
during welding and soldering work**

HTD 1000

- Ideal for extreme loads
- Can be used for soldering work at pipe joints
- Resistant to sparks, slags, welding beads and glowing materials
- Asbestos-free.
- Usage temperature: 850°C
- For brief periods: 1,000°C

Dimensions	Art. No.	P. Qty.
500 x 330 mm	0984 350 1	1
1,500 x 1,000 mm	0984 350	
3,000 x 2,000 mm	0984 350 0	

HTD 900

- Can be used for soldering work at pipe joints
- Resistant to sparks, slags and welding beads
- Asbestos-free.
- Usage temperature: 750°C
- For brief periods: 900°C

Dimensions	Art. No.	P. Qty.
1,500 x 1,000 mm	0984 350 3	1
3,000 x 2,000 mm	0984 350 10	



Mobile Welding Protection Wall

according to EN 1598

- Equipped with welding protection curtain.
- Extremely stable base frame made from square tubing
- Suitable for arc welding according to EN 1598
- View through welding curtain orange.

Bezeichnung	Art. No.	P. Qty.
Welding protection wall, complete	0984 770	1
Replacement curtain	0984 770 3	

Application Areas

Welding	Protects uninvolved persons from harmful effects of optical radiation on skin and eye. Mechanical protection from welding spray and slag removal.	"Translucent" according to DIN 32 504 Part 1
Grinding	Hot grinding sparks and particles are deflected by flame-retardant and sparkproof curtain. Employees, vehicles, painted surfaces and glass, etc. are effectively protected.	Flame-retardant and sparkproof according to DIN 53 438 Part 2
Painting	On account of the chemical resistance the protection wall can also be used for painting and underbody sealing work.	Chemically resistant according to DIN 4646 Part 5
Wet conditions	Also serves as protection against water or spray.	
Sun	Protects from dazzlement and undesired heat radiation. Foil is resistant to UV radiation.	UV-resistant according to DIN 4646 Part 5

According to UVV VBG 15 § 5 (German regulations for prevention of accidents) workplaces for arc welding must be arranged and set up in a manner that uninvolved persons are protected from harmful effects of optical radiation on skin and eye.

Technical Data

- Dimensions:
Wall:
Width: 200 cm
Height: 190 cm
Curtain:
Width: 205 cm
Länge: 180 cm
- Danger factor < 1
- Reflexion degree: 230 to 400 nm < 10%
- Tested according to EN 1598 for arc-welding.



Environmental Protection Set

The regulations for transports subject to compulsory identification in accordance with the Hazardous Materials Act make provision for the issue of additional items of equipment. This covers the items of equipment named in the accident information leaflet. The Würth Environmental Protection Set contains all items of equipment that are required under the heading "Equipment for protecting the environment".

Dim. in mm	Art. No.	P. Qty.
320 x 320 x 310	0899 964 5	1

Contents

- Drain cover
- One suitable shovel
- One brush
- One suitable binding agent
- One suitable collecting container for smaller quantities (max. 5 l)
- Supplied in a practical packing bucket

Application

Unit load carriage, tankers, contract workshops, hazardous goods carriage, Dekra and TÜV branches.

Protective equipment GGVs and ADR



Protective equipment I

- Case size: 235 x 210 x 80 mm.

Content:

- Tight-fitting safety goggles.
- Gloves (PVC tricot-lined), Art. No. 0899 435 09.
- Eye-rinsing bottle with sterile filling, Art. No. 0899 511 906.

Art. No. 0899 964 1

P. Qty.: 1



Protective equipment II

- Case size: 390 x 300 x 100 mm.

Content:

- Tight-fitting safety goggles.
- Gloves (PVC tricot-lined), Art. No. 0899 435 09.
- Eye-rinsing bottle with sterile filling, Art. No. 0899 511 906.
- Light protective clothing (jacket), Art. No. 0899 020 4.
- Pull-over boots, Art. No. 0988 899 003.

Art. No. 0899 964 2

P. Qty.: 1



Protective equipment III

- Case size: 390 x 300 x 160 mm.

Content:

- Tight-fitting safety goggles.
- Gloves (PVC tricot-lined), Art. No. 0899 435 09.
- Eye-rinsing bottle with sterile filling, Art. No. 0899 511 906.
- Light protective clothing (jacket), Art. No. 0899 020 4.
- Pull-over boots, Art. No. 0988 899 003.
- Panorama full protection mask, Art. No. 0988 899 002.
- DIN combination filter A2, B2, E2, K2, P3, Art. No. 0899 142 380.

Art. No. 0899 964 3

P. Qty.: 1



Protective equipment IV

- Case size: 450 x 350 x 120 mm.

Content:

- Tight-fitting safety goggles.
- Gloves (PVC tricot-lined), Art. No. 0899 435 09.
- Eye-rinsing bottle with sterile filling, Art. No. 0899 511 906.
- Protective suit with overall, Art. No. 0899 020 4.
- Pull-over boots, Art. No. 0988 899 003.
- Panorama full protection mask, Art. No. 0988 899 002.
- DIN combination filter A2, B2, E2, K2, P3, Art. No. 0899 142 380.
- First Aid kit in accordance with DIN 13 164.
- Rescue blanket 2200 x 1600 mm, Art. No. 0988 05 167.

Art. No. 0899 964 4

P. Qty.: 1

Additional articles

Warning Vest	Art. No. 0899 078
Torch	Art. No. 0827 850
Halogen Flashing Warning Lamp	Art. No. 0827 825
Powder fire extinguisher, 6 kg	Art. No. 0993 997 6
Fire extinguisher Type F2GM, 2 kg	Art. No. 0988 05 011

Fall Arrester

A large number of occupational accidents occur every year during construction and assembly work due to falls with serious consequences resulting from falls due to a lack of fall prevention equipment.

And that although legislators quite specifically require employers to take measures for protection against falls for work at a height at which there is a risk of falling. If the risk of a fall cannot be eliminated with collective protective equipment, personal safety equipment (PSE) in the form of catch belts, connecting materials and various accessory parts is used.

Würth Master Service offers annual inspection of fall arrester products.
You can obtain your PSE for inspection via the free hotline by at 0049 (0)800-962-7837.

Important note!

Tests

Users are obligated to check their **PSE** (personal safety equipment) for its proper condition before every use with a visual inspection.

The company owner must have the **PSE** checked by an expert for its proper condition in accordance with the conditions for use and the plant conditions as required, however **at least every 12 months**.

Duration of use

The duration of use is dependent on the respective conditions for use. The specifications of the instructions for use must always be observed.

Maximum duration of use

for belts: 6 to 8 years
for connecting materials (cables/straps): 4 to 6 years
The products must be removed from use by then at the latest.

Damaged fall arresters must always be separated out immediately!

For example:

- In case of damage to straps and seams on belts and cables. (Fig. 1).
- Following heavy loading due to a fall.
- In case of heavy thermal loading, traces of melting, burned-in weld beads, etc. (Fig. 2).
- With heavy soiling. (Fig. 3).
- In case of deformed or corroded fitting parts (Fig. 4).



Fig. 1



Fig. 3



Fig. 2



Fig. 4

Catch Belts



“Basic” Catch Belt

- Light catch belt.
- Rear catch eye according to EN 361.
- Two chest loops as catch eyes according to EN 361.

Art. No. 0899 032 911

P. Qty. 1



“Pro 3” Catch Belt

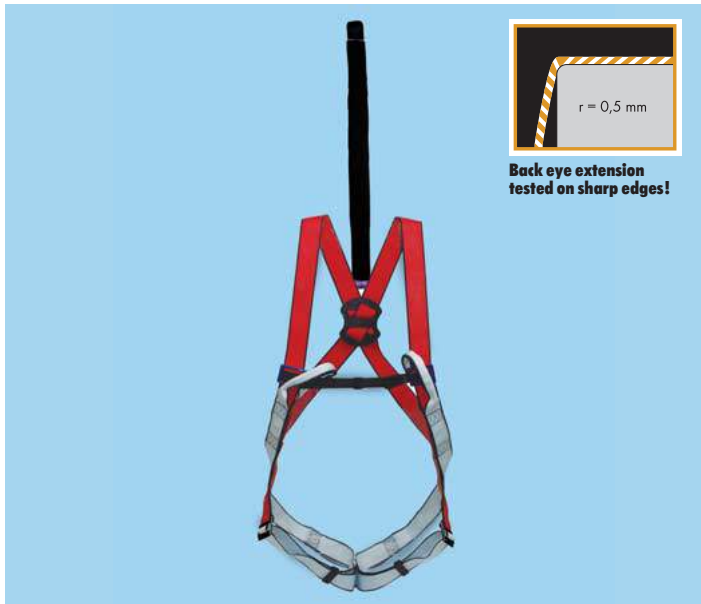
- Rear catch eye according to EN 361.
- Two chest loops as catch eyes according to EN 361.
- Two holding eyes according to EN 358.
- Optimally suited as catch belt and holding belt.

Art. No. 0899 032 915

P. Qty. 1



Catch Belts for Scaffolding Construction



“Basic” Catch Belt

Special scaffolding construction belt with back eye extension tested on sharp edges

- Approved exclusively for scaffolding construction work!
- Back eye extension, length 50 cm.
- Rear catch eye according to EN 361.
- Two chest loops as catch eyes according to EN 361.

Art. No. 0899 032 053

P. Qty. 1



“Elastico” Catch Belt

Ergonomic catch belt with back eye extension tested on sharp edges

- Approved exclusively for scaffolding construction work!
- Maximum freedom of movement and excellent wearing comfort due to use of elastic belt material in chest area.
- Back eye extension, length 50 cm.
- Rear catch eye according to EN 361.
- Two chest loops as catch eyes according to EN 361.
- Two side holding eyes according to EN 358.

Art. No. 0899 032 054

P. Qty. 1



“Comfort” Catch Belt

- Catch belt for the most demanding requirements.
- Broad, ergonomically shaped back support with inner lining for fatigue-free wearing, even for longer periods (broad back support: 160 mm).
- Rear catch eye according to EN 361.
- Two chest loops as catch eyes according to EN 361.
- Two side holding eyes according to EN 358.
- Climbing protection eye on stomach belt for use in conjunction with climbing protection runners in fixed systems (Fig. 1).

Art. No. 0899 032 004

P. Qty. 1



Fig. 1



“Elastico” Catch Belt

- Ergonomic catch belt with elastic belt material in chest area.
- Maximum freedom of movement and excellent wearing comfort, even when working under cramped conditions.
- Rear catch eye according to EN 361.
- Two chest loops as catch eyes according to EN 361.
- Two side holding eyes according to EN 358.

Art. No. 0899 032 008

P. Qty. 1



Connecting Media with Strap Fall Damper

- In accordance with EN 354/355.
- Length: 2 m.
- Operator-friendly due to use of one-hand spring hooks.
- Note: The strap fall damper is triggered at a static load of approx. 2 kN, absorbs falling forces and reduces them to an amount the body can bear of less than 6 kN. In case of a fall, the belt fall damper can extend up to a maximum of 1.55 m.

Art. No. 0899 032 012

P. Qty. 1



Connecting Materials with Belt Fall Damper and Spring Pipe Hook

- In accordance with EN 354/355.
- Length: 1.5 m.
- Large steel spring pipe hooks for simple, fast securing on pipes with a maximum dia. of 42 mm.
- Ideally suited for scaffolding builders, shelf builders and railing installation.

Art. No. 0899 032 014

P. Qty. 1



Y-Connecting Materials

- In accordance with EN 354/355.
- Length: 1.5 m.
- For alternating securing.
- Enables optimum securing during climbing and all work with changing working positions (scaffolding construction, working on lattice towers, shelf construction, etc.).
- Large steel spring pipe hooks for simple, fast securing on pipes with a maximum dia. of 42 mm.

Art. No. 0899 032 015

P. Qty. 1



Following Catch Device

- In accordance with EN 353-2.
- Length: 15 m.
- Rugged, flexible 12-mm clad-core rope.
- Freely follows in climbing direction and automatically locks in case of a fall.
- With integrated belt fall damper.

Art. No. 0899 032 914

P. Qty. 1



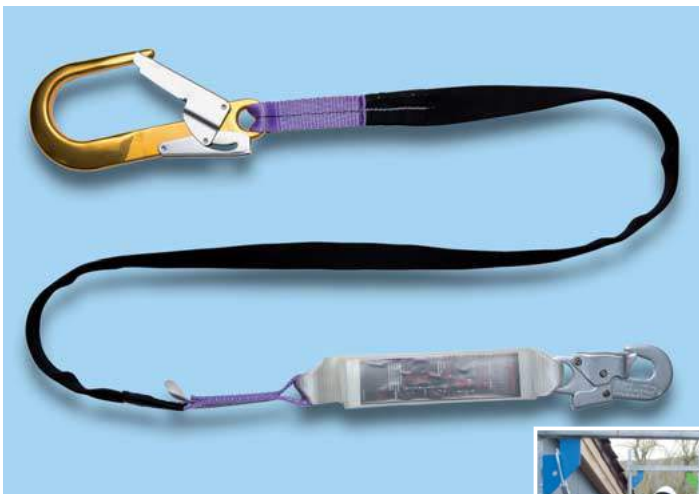
Accessories

Mast Securing Cable with Cable Shortener

- In accordance with EN 358.
- Length: 2 m.
- For workplace positioning for free-hand work.
- Stepless adjustment of holding position.

Art. No. 0899 032 016

P. Qty. 1

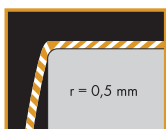


Connecting materials with belt fall damper and spring pipe hook

- Tested on sharp edges.
- Ideal connecting materials for length-oriented facade scaffolding construction.
- Length: 2 m.
- Large aluminum spring pipe hooks for simple, fast securing on pipes and scaffolding parts with a maximum dia. of 42 mm.

Art. No. 0899 032 052

P. Qty. 1



Tested on sharp edges!





Fall Protection Device with Belt Strap

Light fall protection device for universal use for all work in areas with a danger of falling.

- In accordance with EN 360.
- Belt length: 2.5 m.
- Weight: approx. 1 kg.
- Dimensions: 110 x 110 x 80 mm (L x W x D).

Art. No. 0899 032 908

P. Qty. 1



Fall Protection Device with Steel Cable

The fall protection device offers optimum freedom of movement and flexibility during work, whereby at the same time maximum safety is provided in case of a fall.

- In accordance with EN 360.
- Automatic pulling in of cable for optimum safety.
- In the case of a fall, the device locks as soon as a falling speed of 1.5 m/s is reached.
- Integrated brake reduced catch force to under 6 kN.
- Rugged plastic housing.
- High-quality steel cable.
- Rotary-eddy spring hook prevents cable from twisting.
- Suitable for horizontal use.
- Tested for use with sharp edges.

Designation	Cable length in m	Cable diameter mm	Dim. (W x D x H) mm	Weight kg	Art. No.	P. Qty.
HSG 10-K	10	5	270 x 180 x 80	3.7	0899 032 932	1
HSG 20-K	20		375 x 275 x 100	6.5	0899 032 934	



Safety Cross-Member

- In accordance with EN 795.
- Weight: approx. 10 kg.
- Dimensions: 1410 x 180 x 50 mm (L x W x D).
- Approved as attachment point for a maximum of 2 persons.
- Can be used with load-bearing door openings
- Ideal for window builders, masons, railing builders, etc.

Art. No. 0899 032 950

P. Qty. 1

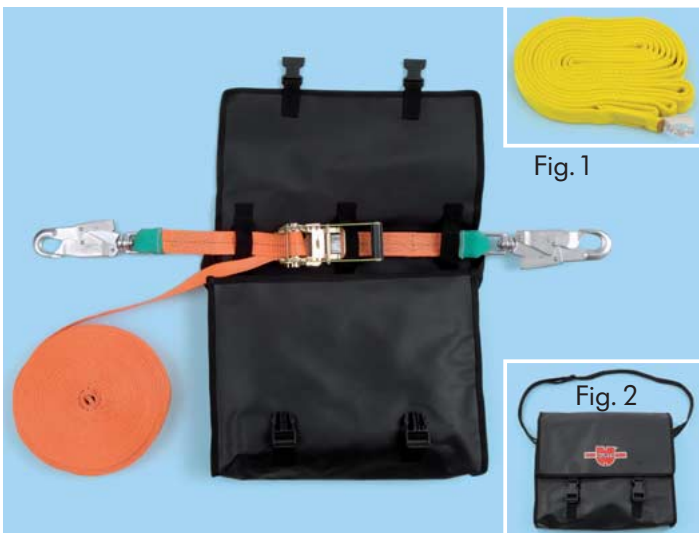


Lost Attachment Point

- In accordance with EN 795 A.
- For fastening on load-bearing wooden parts.
- As attachment point for a maximum of 2 persons.
- Can remain on structure after completing work.
- Fastening with ASSY® screws, 5.0 x 80 mm, Art. No. 0151 015 80.
- Ideal for roofers, carpenters, photovoltaic system builders etc.

Art. No. 0899 032 953

P. Qty. 1



Temporary Horizontal Securing System

- In accordance with EN 795 B.
- For producing a temporary horizontal attachment point.
- Optimum freedom of movement horizontally (Fig. 3).
- Belt strap with ratchet, length: 20 m.
- 2 rotary spring hooks.
- 2 belt slings (Fig. 1).
- Storage and carrying pouch (Fig. 2).

Art. No. 0899 032 960

P. Qty. 1





Connection Point Set for Fall Protection Device

Consisting of:

- Belt sling according to EN 354 and EN 795.
- Minimum breaking load: 22 kN.
- Length: 1.5 m.
- Steel spring hook according to EN 362 with screw lock.

Art. No. 0899 032 909

P. Qty. 1



Storage Backpack for Personal Safety Equipment

- Practical storage and transport of fall protection articles.
- Storage net for helmets, clothing or other accessories.
- With cell phone pocket and storage pocket for beverage bottles.

Art. No. 0899 032 943

P. Qty. 1



Fall Protection Sets



Pro Set 2

Consisting of:

- Pro 3 catch belt.
- Following catch device with 15-m cladded-core rope.
- Storage case.

Art. No. 0899 032 010

P. Qty. 1



Window Construction Set

Consisting of:

- Basic catch belt.
- Following catch device with 15-m cladded-core rope.
- Safety cross-member.
- Backpack.

Art. No. 0899 032 991

P. Qty. 1

Scaffolding Construction Sets



"Basic" Scaffolding Construction Set

Approved exclusively for scaffolding construction work!

Consisting of:

- "Basic" catch belt for scaffolding construction.
 - Back eye extension tested with sharp edges (length: 50 cm).
- Connecting materials with belt fall damper.
 - Length: 2 m.
 - With spring pipe hook for simple, fast attachment on pipes and scaffolding.
- Backpack.

Art. No. 0899 032 050 P. Qty. 1



"Elastico" Professional Scaffolding Construction Set
















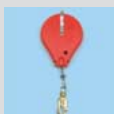




Approved exclusively for scaffolding construction work!

Consisting of:

- "Elastico" catch belt for scaffolding construction.
 - Back eye extension tested with sharp edges (length: 50 cm).
- Connecting materials with belt fall damper.
 - Length: 2 m.
 - With spring pipe hook for simple, fast attachment on pipes and scaffolding.
- Backpack.

Art. No. 0899 032 051 P. Qty. 1

Put together your individual fall protection set

Catch Belts	Connecting Materials for Catch Devices	Attachment Points	Storage
"Basic" Catch Belt  Art. No. 0899 032 911	Connecting Materials with Belt Fall Damper  Art. No. 0899 032 012	Safety Cross-Member Art. No. 0899 032 950 	Storage Backpack for PSE Art. No. 0899 032 943 
"Pro 3" Catch Belt  Art. No. 0899 032 915	Connecting Materials with Belt Fall Damper and Spring Pipe Hook  Art. No. 0899 032 014	Lost Attachment Point Art. No. 0899 032 953 	Storage Case Art. No. 0955 330 2 
"Comfort" Catch Belt  Art. No. 0899 032 004	Y-Connecting Materials  Art. No. 0899 032 015	Temporary Horizontal Securing System Art. No. 0899 032 960 	
"Elastico" Catch Belt  Art. No. 0899 032 008	Following Catch Device  Art. No. 0899 032 914		
For scaffolding construction "Basic" Catch Belt for Scaffolding Construction  Art. No. 0899 032 053	Fall Protection Device with Belt Strap  Art. No. 0899 032 908		
	Fall Protection Device with 10 m/20 m Steel Cable  Art. No. 0899 032 932 / 0899 032 934		
"Elastico" Catch Belt for Scaffolding Construction  Art. No. 0899 032 054	Accessories Mast Securing Cable with Cable Shortener  Art. No. 0899 032 016	Attachment Aids Connection Point Set for Fall Protection Device Art. No. 0899 032 909 	
	For scaffolding construction Connecting Materials with Belt Fall Damper and Spring Pipe Hook  Art. No. 0899 032 052		

SH-4



- 4-point interior attachment.
- Straight helmet shell.

SH-6



- 6-point interior attachment.
- Downward extended helmet shell serves as neck protection.

SH-6 E



Safety Helmets according to EN 397

- Optimum protection: The special net structure reinforces the shell at all critical points.
- Light weight for pleasing wearing comfort and maximum acceptance.
- 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 of especially absorbent fleece material.
- Attachment points for chin strap.
- Quick release closure for optimum adjustment to head size.
- Size: 52 – 62 cm.
- Additional qualification: approved as cold-weather helmet down to -30°C .

Designation	Interior attachments	Color	Art. No.	P. Qty.
SH-4	4 points	yellow	0899 200 75	1
SH-4	4 points	white	0899 200 76	
SH-6	6 points	yellow	0899 200 70	
SH-6	6 points	white	0899 200 71	

Electrician's Safety Helmet according to EN 397

- Tested and approved as electrician's safety helmet up to 1,000 V AC.
- Closed helmet shell without ventilation openings.
- Signal color: fluorescent yellow.

Designation	Interior attachments	Color	Art. No.	P. Qty.
Electrician's Helmet	6 points	fluorescent yellow	0899 200 77	1

Accessories for Safety Helmets



Encapsulated ear protection for helmet mounting

- Mount for all helmets with 30-mm insert pockets.

SNR value	L value	M value	H value
24 dB	15 dB	21 dB	28 dB

Art. No. 0899 300 240

P. Qty./pair 1

Hygiene Set

Consists of two sealing pads and two ear pads

Art. No. 0899 300 245

P. Qty. 1



Face Guard

complete with universal retainer

- Fits all helmets with rain groove.
- Face guard shield can be flipped up.
- Protective shield made of impact-resistant polycarbonate.

Electrician's Face Guard

with VDE approval

- Complete with universal retainer.
- Acetate shield approved up to 1,000 V.
- Shield cannot be replaced.

Model	Art. No.	P. Qty.
Polycarbonate Face Guard, complete	0899 201 100	1
Polycarbonate Replacement Shield	0899 201 101	
Electrician's Face Guard	0899 201 110	



Chin Strap

made of leather

Art. No. 0899 201 200

P. Qty. 1



Cold Protection

for safety helmets

Art. No. 0899 201 210

P. Qty. 1



Impact Cap

according to EN 812

Sporty head protection with a modern baseball cap design for any applications where there is a danger of impact to the head.

- Outer material: 100% cotton.
- Shell made of hard plastic
- Comfortable to wear thanks to foam padding of the shell and integrated ventilation holes.
- Application: -30°C to $+50^{\circ}\text{C}$.
- Size: 54–59 cm, adjustable with Velcro closure.
- Integrated sweatband.
- Covering can be washed at up to 30°C .
- Tested pursuant to EN 812.

Size	Color	Art. No.	P. Qty.
54–59	dark blue	0899 200 980	1

Applications

Mechanical work, electrical and installation work, automotive industry, work under lifting platforms, in shelving and in store rooms, interior finishing and much more. Wherever your head should be protected from impacts.

Note

The impact caps were 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 safety helmet according to EN 397.

Knee Protectors

certified in accordance with **DIN EN 14404**

Whether on hard, rough, smooth, or sensitive foundations, we have the right knee protection for every application!

- High wearing comfort.
- Low weight (approx. 250g/pair), lightweight and safe.
- Fastening tapes made of NEOPREN with universally adjustable, high-quality Velcro strips prevent one-sided pressure

stress and the cutting-off of circulation in the hollow of your knees.

- Maximum damping and low material thickness due to 12 mm-thick sandwich design.
- The protector adapts to the form of the knee within a short period of time.
- 3 mm-thick, waterproof NEOPREN stores heat and protects joints and muscles from the cold.

- A sturdy LYCRA® coating prevents strong sweating and dries fast. The protectors can be worn directly on the skin.
- All seams are sewn with elastic thread and are thus extremely stressable, but still flexible.
- The knee protectors are machine-washable at 30° (not suited for the dryer).



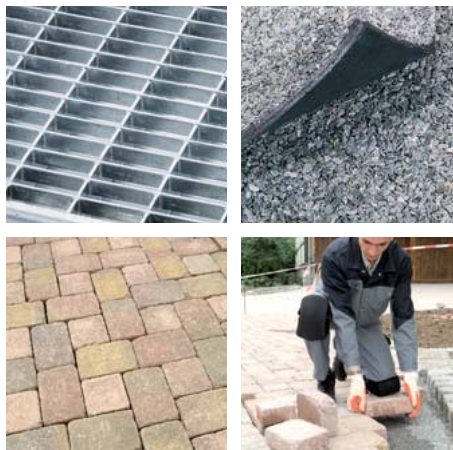
“PROFI”

Art. No. 0899 030 10

P. Qty. 1 pair

- For universal use for all kneeling activities.
- Abrasion-resistant PU surface, strongly anti-slipping.

Ideal for: Tile-layers, electrical installers, roofers, scaffolding builders, construction workers, metal-workers, installers, mechanics, gardeners, and many others.



“KEVLAR®”

Art. No. 0899 030 20

P. Qty. 1 pair

- For work on very hard and rough foundations.
- Extremely abrasion-resistant surface made of 600 g/m² KEVLAR®, conditionally slipping.

Ideal for: Pavers and tile-layers, horticulturists and landscapers, roofers (on flat roofs), ventilation installers, metal-workers, machine and vehicle builders, installers, mechanics, and many more.



“KEVLAR® Soft”

Art. No. 0899 030 30

P. Qty. 1 pair

- For work on smooth and sensitive foundations.
- High-slipping surface made of 300 g/m² KEVLAR®.

Ideal for: Hard-wood and laminate floor layers, carpet and flooring layers, joiners, carpenters, interior designers, decorators, baggage and goods loaders at airports, and many others.

KEVLAR is a trademark of E.I. DuPont de Nemours in Wilmington, Delaware.
LYCRA is a trademark of Invista in Wilmington, Delaware.



Shoe Covers

Hygienic and dirt-protection shoe made of CPE (cold-pressed polyethylene).

- Material thickness: 20 μ .
- One size: 40 cm long.
- Applications: clean rooms, chemical industry, pharmaceuticals, cosmetic manufacturing, foodstuff industry.

Size	color	Art. No.	P. Qty.
Universal	blue	0899 028 1	100



Warning Vest

Made of cloth pursuant to EN 471

- One-size-fits-all vest with closed sides.
- Adjustable width thanks to practical quick-action closure.
- Edges feature reinforcement strip.
- Fluorescent orange-red cloth.
- Reflective stripes run all the way round.

Areas of application

Roadworks, building inspection, canal work, railroad work, site traffic, surveying, fire service, refuse disposal, street cleaning, repair work on vehicles in the middle of traffic, loading and unloading of vehicles.

This warning vest, which complies with DIN 30711, is required for all commercially used vehicles by the German Statutory Industrial Accident Insurance Institution (VGB 12 "Vehicles").

Art. No. 0899 078

P. Qty. 1

TYVEK SAFETY SUIT

Disposable safety suit made of Tyvek Pro-Tech



Effective protection against chemicals, dirt and moisture.

- Provides protection while working with lacquers and paints, underbody protection, lubricants, polyurethane foams, chemicals, mild acids and bases and when in areas with dust, steam, soot and wetness.
- Absolutely fluff-free, thus ideal for the painting field.
- Tear- and wear-resistant, even when wet.
- Light and comfortable, full freedom of movement.
- Not immediately flammable.
- Type class 5+6.



Model

With hood, zip and rubber cinch on hood and sleeve openings, in back and on hood.

Trademarks: TYVEK is a registered trademark of Dupont de Nemours & Company, US.

Nominal size	Suitable for		Art. No.	P. Qty.
	body size in cm	chest meas. in cm		
M	171 - 177	91 - 100	0899 020 2	5/25
L	178 - 183	101 - 108	0899 020 3	5/25
XL	184 - 187	109 - 116	0899 020 4	5/25
XXL	188 and larger	117 and larger	0899 020 5	5/25

DISPOSABLE SAFETY SUIT "SAFETY STAR"

Disposable protective overall with spun-bonded polypropylene interior and laminate film-coated exterior

- Safety suit CAT III, Type class 5 + 6.
- Anti-static pursuant to EN 1149-1; prevents static electricity discharges and minimises safety risks.
- Excellent protection against particles, dusts and liquid spray.
- Above average liquid repellent characteristics, even with mineral oil products.
- Can be used for asbestos disposal.
- Fluff-free thanks to external lamination.
- Increased freedom of movement and pleasant wearing comfort thanks to soft textile material.
- Self-stopping zip prevents inadvertent opening and reduces safety risks.
- Rubber cinch on the hood, sleeves and leg openings and in the back.



Application

- Automotive and car body workshops
- Painting work and surface treatment
- Disposal operations, asbestos disposal
- Building industry
- Mining
- Chemical industry
- Printing industry
- Woodworking
- Industrial cleaning
- Agriculture
- Medicine
- Pharmaceutical industry
- Tank cleaning
- Clean rooms

Nominal size	Suitable for		Art. No.	P. Qty.
	body size in cm	chest meas. in cm		
L	174 - 182	100 - 106	0899 021 103	5
XL	180 - 188	108 - 116	0899 021 104	5
XXL	186 - 194	116 - 124	0899 021 105	5



Pesticide-Application/ Chemical-Protection Suit

Sealed protective overall made of spun-bonded polypropylene with breathable membrane

- Anti-static.
- Rubber cinches at the hood, sleeves, leg openings and in the back.
- All seams are thermo-sealed.
- Self-stopping two-way zipper.
- Zipper can be covered over for protection (see Fig. 3).
- Comfortable to wear; features breathable protective membrane.

Approvals:

- a) Chemical-protection suit Cat III, protective classes:
 - 4 (spray-proof)
 - 5 (particle-proof)
 - 6 (limited squirt protection)
- b) Static electricity-protection pursuant to EN 1149-1
- c) Approved as a pesticide-application suit pursuant to BBA guideline 3-3/2.



Application

Used as a pesticide-application suit during manufacture, use and deployment of pesticides in farming and winegrowing. Universal chemical-protection overall and hygienic overall for farming, crafts and industrial applications. Especially suitable as a suit of Type class 4, i.e. spray-proof protective clothing with sealed seams.

Nominal size	Art. No.	P. Qty.
XL	0899 021 304	1
XXL	0899 021 305	



Fig. 3

REUSABLE PAINTER'S SUIT



- Silicone-free
- 100% polyester
- Anti-static and lint-free
- Active-breathing
- With hood and drawstring
- Elastic in arms, legs and waist.
- Two-way zipper with cover
- Back pocket with Velcro closure
- Can be washed up to 40°C or cleaned chemically
- CAT I according to PSA Guideline

Size	Color	Art. No.	P. Qty.
L	Blue	0899 025 011	1
XL		0899 025 012	
XXL		0899 025 013	

FIRST AID



First-aid kit with contents in accordance with DIN 13157

Dimensions (L x W x H): 280 x 220 x 110 mm

Fig.	Designation	Art. No.	P. Qty.
1	DIN 13157 First-Aid Kit	0899 520 6	1
3	Refill pack for DIN 13157 first-aid kit	0899 520 100	1

First-aid kit with contents in accordance with DIN 13169

Dimensions (L x W x H): 445 x 320 x 150 mm

Fig.	Designation	Art. No.	P. Qty.
2	DIN 13169 First-Aid Kit	0899 520 15	1

Refilling: 2 x contents in accordance with DIN 13157, Art. No. 0899 520 100

First-Aid Case

- Filling acc. to DIN
- Suitable for stationary and mobile use
- Incl. wall mount with 90° detent
- Clear layout with flexible interior partitioning and Plexiglas cover
- High-strength ABS plastic
- Dimensionally stable, impact-resistant, temperature-resistant
- Dust and splash-water protected by rubber seal around inside

Commercial operations and administrative companies are subject to the legal regulations of the applicable workshop ordinance and accident prevention regulations. The materials required for performing first aid must be available in workshops. They must be easily accessible when needed and protected against soiling, dampness and high temperatures. The storage locations of materials for performing first aid must be marked accordingly. First-aid kits should be distributed around the workshop so that they are a maximum of 100 m or one floor height away from permanent workplaces. The first-aid materials must be replaced after the expiration dates are reached.

When a DIN 13157/DIN 13169 first-aid kit must be present:

Operating mode	Number of employees	Small first-aid kit DIN 13157	Large first-aid kit DIN 13169
Manufacturing, processing and similar companies	1-20	1	-
	21-100	2	1
	from 101 additional for every 100 additional employees	4 2	2 1
Administrative and trade companies	1- 50	1	-
	51-300	2	1
	from 301 additional for every 300 additional employees	4 2	2 1
Construction sites and facilities similar to construction sites	1-10	1	-
	11-50	2	1
	from 51 additional for every 50 additional employees	4 2	2 1

A large DIN 13169 first-aid kit can be replaced with two small ones.

FIRST AID



1



2



3

Car First-Aid Kit

The first-aid kit complies with DIN 13164

Fig.	Designation	Art. No.	P. Qty.
1	Car first-aid kit as per DIN 13164	0899 520 7	1

First-Aid Pouch for Motorcycle Riders

The first-aid pouch complies with DIN 13167. Obligatory, e.g. in Austria.

Fig.	Designation	Art. No.	P. Qty.
2	First-aid pouch for motorcycle riders as per DIN 13167	0988 05 455	1

Finger Bandage

For covering skin injuries on fingers

Fig.	Designation	Art. No.	P. Qty.
3	Finger bandages, 12 x 2.5 cm, 1 Set (20 pieces)	0899 520 101	1

COMBINATION EMERGENCY BAG



- Space-saving motor vehicle combination bag with the following contents:
 - Filling with motor vehicle dressing materials according to DIN 13164.
 - Upright European warning triangle.
- Bag of high-quality nylon material with water-repellent coating and zipper on 3 sides.

Note:

A first-aid equipment and securing of the breakdown area with an ECE warning triangle is specified by law for use in German motor vehicles.

Designation	Dimensions in mm	Art. No.	P. Qty.
Combination Emergency Bag	435 x 100 x 75	0899 520 9	1

Eye Wash

Suited for every workshop, mobile workplace, and industrial use.

Just a few seconds are decisive:

If acid or alkalis get into unprotected eyes, fast access to an eye wash is of the utmost importance. The eyes are burned the moment hazardous materials come into contact with them. In case of injury due to metal splinters, dirt, and dust, it is also vital that the eye wash can be found within reach at the workstation. Here, Würth's Eye Wash is the optimum solution.

Note:

The eye wash bottle is a part of the special GGVS (Hazardous Material Ordinance for Road Traffic) equipment located on all rescue vehicles and hazardous good transports. In addition, §39 of the German Arbeitsstättenverordnung (Workplace Ordinance) also requires an eye wash for endangered workstations within the scope of the required First Aid materials.

High flexibility:

The flexible program was developed in view of a particularly fast and easy use. The eye wash can be attached within reach of every workstation.



Eye Wash 500 ml

Eye wash with eye cup and dust cap.

The individual bottles are also suited for refilling at the eye wash wall station.

The individual bottle can be easily carried in case of work at changing workstations.

Contents: Sterile sodium chloride solution (0.9%) that corresponds to the natural salt content of the eye.

Version	Art. No.	P. Qty.
Eye Wash 500 ml	0899 511 906	1/12

Recommended rinsing time

Foreign body (dust, metal, dirt)	Acid	Alkaline injuries
at least 1 minute	3-5 minutes	at least 15 minutes

Important:

In case of all foreign bodies or contamination, eyes should be rinsed with a soft, even spray. (Do not press the bottle.)

Eye-Wash Wall Station

Wall station with 1 x 500 ml eye wash.

Version

Wall mount with 1 x 500 ml eye wash, including pictograph with mirror. Especially suited for eye washing at individual workstations at any time.

Dimensions of pictograph:

300 x 90 x 3 mm (height x width x depth).

Wall mount: 35 x 80 x 57 mm (height x width x depth).

Version	Art. No.	P. Qty.
Eye Wash 500 ml with Wall Station	0899 511 905	1



"ELAST" ADHESIVE-FREE BANDAGE

For covering wounds in case of minor injuries.

Features:

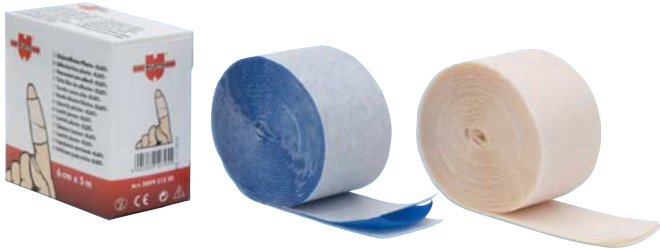
- No adhesive
 - Does not stick to skin, hair or injuries
 - No residue
- Self-adhesive (only sticks to itself)
 - Can even be used on wet, oily or dirty skin
- Absorbent, including blood
- Highly elastic
 - Good freedom of movement
- Skin-friendly
- Skin-colored
- Note to those with allergies: Contains latex.

Blue version:

- Less sensitive to dirt
- Improved visual recognition for use in areas where food is processed or stored
- Does not activate detectors

Dimensions:

- Roll length: 5 m
- Roll width: 6 cm
- Thickness: 1.9 mm



Wrap around finger.



Press on. You're done!

Color	Art. No.	P. Qty.
Skin-colored	0899 512 20	1
Blue	0899 512 22	

DISPENSER

For "ELAST" Adhesive-Free Bandage.

- Optimum availability
 - Quick wound care
- Hygienic storage
- Integrated knife for cutting off bandage

Delivery scope:

- Bandage dispenser including mounting materials
- Bandage not included in delivery scope



Easy to fill



Simple wall-mounting

Art. No. 0899 512 23

P. Qty. 1

BAND-AID DISPENSER



- Fast first aid in case of minor injuries
- Loaded with 90 band-aid strips (2 refill packs with 45 band-aids each)
- Individually packaged, elastic cloth band-aids
Extremely hygienic even in dirty environment
- Easy removal:
Can be operated with one hand
No complicated unpacking
Band-aid can be applied immediately
- Simple refilling
- Fast, easy installation

Delivery scope

- Band-aid dispenser box incl. mounting materials
- 90 band-aid strips (2 refill packs with 45 band-aids each)

Art. No. 0899 520 150

P. Qty. 1



The band-aid unpacks itself when removed from the dispenser



The band-aid can be used immediately and can be directly applied to the wound

REFILL PACK FOR BAND-AID DISPENSER



- Fast first aid in case of minor injuries
- Individually packaged, elastic cloth band-aids
- Suitable for refilling band-aid dispenser and for individual use
- Content: 45 band-aid strips
- Flexible application: for work, hobby and free time

Art. No. 0899 520 151

P. Qty. 1

Mandatory Signs

- Material: Plastic
- Diameter: 20 cm



Wear Eye Protection

Art. No. 0899 605 750

P. Qty. 1



Wear Hearing Protection

Art. No. 0899 605 751

P. Qty. 1



Wear Eye and Hearing Protection

Art. No. 0899 605 752

P. Qty. 1



Wear Light Breathing Protection

Art. No. 0899 605 753

P. Qty. 1



Wear Breathing Protection

Art. No. 0899 605 754

P. Qty. 1



Wear Safety Gloves

Art. No. 0899 605 755

P. Qty. 1