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1

1 LLG-Safety Eyeshields *basic*


- CE approved to EN166 and EN170
- Perfect for visitors as well as over goggles for spectacles wearers
- Integrated side lens with venting, 180° visual field
- Frame made of tested hypo-allergenic material
- 100% UV protection (up to 380 nm)
- Weight: 43 g

Colour	Lens	PK	Cat. No.
Clear	Clear, uncoated, 2-1.2 U 1 F CE	10	9.006 002

2

2 LLG-Safety Eyeshields *basic +*

- CE approved to EN 166 and EN 170
- Economic Safety Eyeshields ideal for essential protection
- 180° field of vision
- Frame made of tested hypo-allergenic material
- 100 % UV protection (up to 380 nm)
- Especially light
- Weight: 23 g

Colour	Lens	PK	Cat. No.
Clear	Clear, uncoated, 2-1.2 U 1 F CE	10	6.290 868

3

3 LLG-Safety Eyeshields *classic*

- CE approved to EN166 and EN170
- Integrated side-lenses with vents, 180° field of vision
- Frame made of tested hypo-allergenic material
- Side arms adjustable in length and inclination
- 100% UV protection (up to 380nm)
- Weight: 34g only

Colour	Lens	PK	Cat. No.
Blue	Clear, anti-scratch lens, 2C-1.2 U 1 F CE	1	9.006 001

4

4 LLG-Safety Eyeshields *comfort*

- CE approved to EN166, EN170
- Panoramic wrapping lens
- 180° field of vision
- Frame made of tested hypo-allergenic material
- Side arms adjustable in length
- Nose pad and arm tips are made from soft, mouldable material offer optimal comfort and individual customisation
- Rubber eyebrow protection for greater shock absorption
- 100% UV protection (up to 400nm)
- Lightweight: 30g only

Colour	Lens	PK	Cat. No.
black/green	clear, anti-scratch plus and anti-fog lens plus, 2C-1.2 U 1 FT CE	1	6.312 450

LLG-Safety Eyeshields *lady*

- CE approved to EN 166 and EN 170
- Panoramic wrapping lens
- 180° visual field
- Frame made of tested hypo-allergenic material
- Temples with rubber tips, adjustable in length and inclination
- Nosepad and terminal tips made from soft, moldable material for optimal comfort and individual customisation
- 100 % UV protection (up to 400 nm)
- Weight only 25 g

Colour	Lens	PK	Cat. No.
white/green	clear, AF+, AS+, 2C-1.2 U 1 FT KN CE	1	9.006 007 1
white/pink	clear, AF+, AS+, 2C-1.2 U 1 FT KN CE	1	9.006 008 2
black/green	clear, AF, AS, 2C-1.2 U 1 FT CE	1	9.006 009 3



Safety Eyeshields SecureFit™ 200

- 3M Pressure Diffusion Technology allows temples to naturally adjust to individual head sizes.
- Self-adjusting feature eliminates need to stock multiple frame sizes at worksites.
- Secure, snug fit keeps eyewear in place without slippage even when the person is in motion.
- Anti-fog coating helps keep lenses free of moisture in hot and humid conditions.
- Polycarbonate lenses absorb 99.9% UVA and UVB

3M Deutschland

Colour	Lens	PK	Cat. No.
blue	2C-1.2, UV, anti-scratch, anti-fog	1	4.672 680 4
clear	2C-1.2, UV, anti-scratch, anti-fog	1	9.006 127 5
clear	2C-1.2, UV, anti-fog	1	9.006 128 5
grey	2C-1.2, UV, anti-scratch, anti-fog	1	9.006 129 6
amber	2C-1.2, UV, anti-scratch, anti-fog	1	9.006 130 7



8 Safety Eyeshields SecureFit™ 400

- Features proprietary self-adjusting 3M™ Pressure Diffusion Temple Technology
- Soft, adjustable nose pads for greater personalization
- Dual-injected, padded temple touchpoints for added comfort over the ears
- Polycarbonate lenses absorb 99.9% of UVA & UVB
- Very lightweight: 19 g only

3M Deutschland



Colour	Lens	PK	Cat. No.
black/green	clear, 2C-1.2, UV, anti-scratch, anti-fog	1	9.006 132
black/green	grey, 2C-1.2, UV, anti-scratch, anti-fog	1	9.006 133

Safety Eyeshields SecureFit™ 400 with Scotchgard™ Anti-Fog Coating

- Features proprietary self-adjusting 3M™ Pressure Diffusion Temple Technology
- Soft, adjustable nosepads
- Dual-injected, padded temple touchpoints for added comfort over the ears
- Polycarbonate lenses absorb 99.9% of UVA and UVB
- Scotchgard™ Anti-Fog Coating (SGAF)
- Indoor-outdoor mirrored lenses (I/O)

3M Deutschland

Colour	Lens	PK	Cat. No.
red/grey	clear, 2C-1.2, UV, SGAF	1	4.664 580 1
blue/grey	clear, 2C-1.2, UV, SGAF	1	4.664 581
blue/grey	clear, 2C-1.2, UV, SGAF, foam frame	1	4.664 582 2
blue/grey	grey, 5-1.7, UV, SGAF I/O	1	4.664 583
blue/grey	grey, 5-3.1, UV, SGAF	1	4.664 584
black/yellow	yellow, 2C-1.2, UV, SGAF	1	4.664 585
brown transparent/black	brown, 2C-1.2, UV, SGAF	1	4.664 586 3
brown transparent/black	orange, 2C-1.2, UV, SGAF	1	4.664 587 4

1


4.664 580

2


4.664 582

3


4.664 586

4


4.664 587

Safety Eyeshields SecureFit™ 400X

A further development of the SF400 SGAF series with 3M™ Scotchgard™ Anti-Fog coating, the 3M™ SecureFit™ 400X Series features integrated eyebrow protection for greater comfort and protection against mechanical hazards.

3M Deutschland

- Features proprietary self-adjusting 3M™ Pressure Diffusion Temple Technology
- Soft, adjustable nosepads
- Dual-injected, padded temple touchpoints for added comfort over the ears
- Polycarbonate lenses absorb 99.9% of UVA and UVB
- Scotchgard™ Anti-Fog Coating (SGAF)
- Indoor-outdoor mirrored lenses (I/O)

Colour	Lens	PK	Cat. No.
green/transparent	clear, 2C-1.2, UV, SGAF	1	4.668 580 5
blue/grey	clear, 2C-1.2, UV, SGAF	1	4.668 581
blue/grey	grey, 5-3.1, UV, SGAF	1	4.668 582
blue/grey	grey, 5-1.7, UV, SGAF I/O	1	4.668 583 6
black/yellow	yellow, 2C-1.2, UV, SGAF	1	4.668 584 7
black	vermillion,	1	4.668 585
green/black	clear, 2C-1.2, UV, SGAF	1	4.668 586
grey/black	rainbow-mirrored,	1	4.668 587 8

5


4.668 580

6


4.668 583

7


4.668 584

8


4.668 587

1 Safety Eyeshields 2730

Safety Eyeshields for smaller and narrow face shapes with soft temple tips and soft nose bridge.

3M Deutschland

- Various adjustment options for high wearing comfort
- Adjustable temple length
- Adjustable lens inclination in 4 fixed positions
- Polycarbonate glasses for high shock resistance
- Anti-Scratch and Anti-Fog coating



Application: Mechanical work, e.g. Grinding, milling and surface inspections

Colour	Lens	Coating	PK	Cat. No.
Blue	PC transparent/2C-1.2 3M 1 FT	Anti-Scratch / Anti-Fog	1	6.260 453

2 Safety Eyeshields 2740

Safety Eyeshields with a large, narrow nose bridge for good compatibility with particle masks.

3M Deutschland

- Various adjustment options for high wearing comfort
- Adjustable temple length in 4 fixed positions
- Individually adjustable lens inclination
- Polycarbonate glasses for high shock resistance
- Anti-Scratch and Anti-Fog coating



Application: Mechanical work, e.g. Grinding, milling and surface inspections

Colour	Lens	Coating	PK	Cat. No.
Blue	PC transparent/2C-1.2 3M 1 FT	Anti-Scratch / Anti-Fog	1	7.638 234

Safety Eyeshields uvex x-fit

- Classic safety spectacles with good coverage of the whole eye area
- Lightweight at just 23 grams
- Innovative hinged sidearm design
- Frame colour: transparent blue or transparent grey
- Completely metal-free
- Reliable UV 400 protection

uvex

uvex **supravision excellence** coated lenses are anti-fog (for at least 16 seconds) on the inside, while the outside offers extreme scratch and chemical resistance. The anti-fogging properties are permanent even after repeated cleaning. The lenses are also easy to clean and less susceptible to dirt due to the non-stick nanotechnology.

uvex **supravision sapphire** coated lenses are excellent scratch resistance

Colour	Lens	PK	Cat. No.
blue	transparent/UV 2-1.2, sv excellence	1	4.664 173 3
grey	transparent/UV 2-1.2, sv sapphire	1	4.664 174 4
grey	amber/UV 2-1.2, sv excellence	1	4.664 175 5
pink	transparent/UV 2-1.2, sv excellence	1	4.675 235 6

3



4.664 173

4



4.664 174

5



4.664 175

6



4.675 235

1



1 Safety Eyeshields uvex skylite 9174

Red fashionable sports-style frame. Arms can be tilted. High impact resistant, polycarbonate lens. Lenses have integral matt side panels. Weighing only 26g, these eyeshields are the lightest of their kind. The lens coating is uvex supravision sapphire, excellent scratch resistance and gives 100% UV protection.

uvex

Colour	Lens	PK	Cat. No.
red	grey / UV 5-2.5	1	9.005 127
red	transparent / UV 2-1.2	1	9.005 128
blue	grey / UV 5-2.5	1	6.200 303
blue	transparent / UV 2-1.2	1	6.900 098

Safety Eyeshields uvex sport style

Thanks to innovative uvex duo component technology, the uvex sport style goggles fit perfectly for every head shape. The adjustable, very soft nose pad always guarantees optimum fit and prevents from unpleasant pressure. Weighing just 23g, it is one of the lightest safety glasses in the market. The low weight and ergonomic design provide, even during prolonged use, the highest comfort.

uvex

- Clear, sportive design
- Unisex
- Maximum functionality
- UV400 protection
- Panorama view
- Only 23 grams weight
- Anti-fog on the inside, scratch resistant on the outside

Coating of the lens: uvex supravision extreme

Colour	Lens	PK	Cat. No.
black/blue	clear, UV 400, 2C-1.2	1	6.281 175 2
black/lime	clear, UV 400, 2C-1.2	1	4.672 690 3
black/white	clear, UV 400, 2C-1.2	1	4.672 700 4

2



6.281 175

3



4.672 690

4



6.281 177

We can **supply** this
manufacturer's
whole
product range !



Safety Eyeshields uvex pheos/pheos s (small), pheos one

The modern, fashionable design of the uvex pheos safety spectacle makes it ideal for everyday wear. In addition to an attractive design, this safety spectacle incorporates highly innovative technology. Extremely scratch-resistant on the outside and permanently anti-fog on the inside thanks to uvex supravision excellence lens coating technology.

uvex

- Modern, fashionable safety spectacle design
- Duo-spherical lens with uvex supravision excellence lens coating
- Rimless spectacles with wide field of vision and easy to clean
- Permanent anti-fog on the inside
- Extremely scratch-resistant on the outside
- Completely metal-free

uvex pheos s: Smaller version of uvex pheos for narrower heads. Same properties as the standard models.

Type	Colour	Lens	PK	Cat. No.
uvex pheos	black/green	PC clear, UV 400, 2-1.2	1	6.251 700 1
uvex pheos	black/yellow	PC amber, UV 400, 2C-1.2	1	6.255 465
uvex pheos	black/grey	PC grey, UV 400, 5-2.5	1	6.252 972 2
uvex pheos	light grey/grey	PC clear, UV 400, 2C-1.2	1	6.257 035 3
uvex pheos	black/grey	PC clear, UV 400, 2C-1.2	1	7.661 152
uvex pheos s	white/green	PC clear, UV 400, 2C-1.2	1	6.257 034 4
uvex pheos s	anthracite/grey	PC clear, UV 400, 2C-1.2	1	6.281 178

1



6.251 700

2



6.252 972

3



6.257 035

4



6.257 034

Safety Eyeshields uvex pheos cx2

High wearer comfort and protection thanks to uvex duo component injection moulded forehead and nose piece

uvex

- "x" brand modern, sporty design
- Twist-arm technology for secure fit, comfort and protection
- Robust hard components, comfortable soft components
- Also available with amber or as sunglare filter lens with UV 400 protection
- Scratch-resistant outside, anti-fog inside thanks to uvex supravision excellence coating
- Excellent ventilation for healthy eyes
- Perfect fit for all facial shapes

CBR 65 disc technology:

Contrast (contrast-enhancing), **Blue** (blue light reduction), **Relax** (relaxed vision), **65** (65% transmission)

Type	Colour	Lens	PK	Cat. No.
uvex pheos cx2	white/black	PC grey, UV 400, 5-2,5	1	6.270 937 5
uvex pheos cx2	black/yellow	PC amber, UV 400, 2C-1,2	1	6.270 938 6
uvex pheos cx2	blue/grey	PC clear, UV 400, 2C-1,2	1	6.270 936 7
uvex pheos cx2	red/grey	PC clear, UV 400, 2C-1,2	1	6.270 935
uvex pheos cx2, CBR 65	white/black	PC, light brown, UV 400, 5-1,4	1	4.664 598 8

5



6.270 937

6



6.270 938

7



6.270 936

8



4.664 598

1



1 Safety Eyeshields uvex i-vo 9160

Fashionable, sports-style design, eyeshield with comfortable, semi-elastic frame incorporating two-component technology. Ultra-transparent lenses with scratch-proof, outer coating. Eyeshields for use when carrying out all potentially hazardous work in the laboratory. uvex

The coating of the lens is supravision excellence, outside scratch-resistant, inside non-fogging and gives 100% UV protection.
supravision sapphire, easy to clean coating, excellent scratch and chemical resistance and gives 100% UV protection.

Colour	Lens	PK	Cat. No.
blue/grey	transparent/UV 2-1.2, sv excellence	1	9.005 116
blue/orange	transparent/UV 2-1.2, sv excellence	1	6.311 677
black/grey	transparent/UV 2-1.2, sv excellence	1	6.901 653
blue/orange	transparent/UV 2-1.2, sv sapphire	1	6.324 668
black/grey	grey/UV 5-2.5, sv sapphire	1	9.005 117
blue/orange	brown/UV 5-2.5, sv sapphire	1	6.318 848

2



2 LLG-Panoramic Eyeshield

- CE approved to EN166 and EN170
- Linear and compact design
- Can be worn over any prescription spectacles
- Wide, fully adjustable headband
- Frame made of tested hypo-allergenic material
- 100% UV protection (up to 380nm)
- Weight: 84 g

Colour	Lens	PK	Cat. No.
blue	clear, polycarbonate, 2C-1.2	5	6.284 811
blue	clear, polycarbonate, 2C-1.2	1	6.291 832

3



3 Panoramic Eyeshield 2890 and 2890SA

The 3M™ 2890 and 2890SA safety goggles are a classic panoramic eyeshield, with a modern, slim design. They feature acetate, anti-fog lenses, that offer reliable protection and optimized sight. The broad, comfortable and adjustable headband, variable lateral joints and grooves allow the 3M™ 2890 and 2890SA to be worn over prescription glasses, and is ideal for use in many laboratory applications. Can be worn with the 3M™ 4000 half mask series for complete face protection. 3M Deutschland

- Suitable for over glasses
- Compatible with the 3M™ 4000 half mask series
- Type 2890 with indirect ventilation
- Type 2890SA without ventilation, gas-tight
- Protection against gas and fine dust
- Excellent chemical resistance
- UV-protection
- EN 166

Type	Colour	Lens	PK	Cat. No.
2890	transparent	clear, polycarbonate, 2C-1.2 3M 1 N BT 9	1	6.266 909
2890SA	transparent	clear, acetate, 2C-1.2 3M 1 N FT	1	6.235 920

4



4 Panoramic Eyeshield uvex 9405

- large goggle with front ventilation system uvex
- suitable for use with half masks and filtering half masks
- ideal for prescription glasses, easy headband adjustment, easy changing of lens
- crystal acrylic lens, non-fogging

Colour	Lens	PK	Cat. No.
transparent grey	transparent /UV 2-1.2, non-fogging	1	9.005 090
	Replacement lens, transparent, non-fogging	1	6.268 289

2. Occupational safety, Security Eye protection/Panoramic eyeshields-Overgoggles

1 Panoramic Eyeshield uvex ultrasonic 9302

Extremely safe and comfortable, semi-elastic frame incorporating two-component technology. Panoramic lens with two separate lacquer coatings.

uvex

Coating of the lens

uvex supravision excellence: outside scratch-resistant, inside non-fogging, 100 % UV protection

Colour	Lens	PK	Cat. No.
orange/grey	transparent / UV 2-1.2	1	9.005 115



2

2 Panoramic Eyeshield uvex megasonic

- revolutionary full-vision goggles with exceptional edge-to-edge optical clarity
- unique frameless lens design
- fits comfortable over prescription spectacles with space for side arms
- soft, adaptive face seal for incredible comfort and fit
- wide 30 mm headband for superior, no pressure grip
- easily interchangeable headband and lens
- proven high performing uvex supravision lens coating technology
- 100% UV protection (up to 400 nm)
- EN 166, EN 170



uvex

Colour	Lens	PK	Cat. No.
anthracite/blue	PC colorless/UV 400 2C-1.2W, supravision excellence	1	4.672 692



3

3 Panoramic Eyeshield pheos cx2 sonic

- uvex lightest compact wide-vision goggles (34 grams)
- Frame colors: white, black
- Clear PC lens
- Certified to EN 166 and EN 170
- Labelling: W 166 3 4 BT CE 5-1.4 W 1 BT KN CE
- Reliable UV 400 protection
- Comfortable protection thanks to soft forehead and nose piece moulded directly onto the lens
- Scratch-proof exterior, permanently anti-fog interior (uvex supravision extreme)
- Very soft, light textile headband for secure and comfortable fit
- Can be easily combined with other PPE

uvex

Colour	Lens	PK	Cat. No.
black/white	PC colorless/UV 400 5-1,4 uvex supravision extreme	1	4.664 600



4

4 LLG-Safety Eyeshields basic



- CE approved to EN166 and EN170
- Perfect for visitors as well as over goggles for spectacles wearers
- Integrated side lens with venting, 180° visual field
- Frame made of tested hypo-allergenic material
- 100% UV protection (up to 380 nm)
- Weight: 43g

Colour	Lens	PK	Cat. No.
Clear	Clear, uncoated, 2-1.2 U 1 F CE	10	9.006 002



5

5 Overgoggles uvex 9161 and uvex 9161 duo-flex®

- Designed to fit over prescription spectacles
- Unlimited side vision through super panorama lenses with a 180° field of view
- Excellent, pressure-free fit
- Effective indirect ventilation through special frame construction with side shields

uvex

Type 9161 duo-flex®

- Frame can be adjusted four ways for optimal comfort
- Scratch resistant lens, uvex supravision sapphire

Type	Colour	Lens	PK	Cat. No.
9161	transparent	transparent, PC lenses	1	9.005 166
9161 duo-flex®	blue/black	transparent, UV 2-1.2	1	9.005 107



Overgoggles uvex super OTG 9169

The super OTG and the super f OTG are equipped with this state-of-the-art lens technology. Alongside the tried and tested hingeless spectacles and highly flexible soft ear pieces, a hinged design has been developed. The revolutionary new design of the super f OTG with hinge combines all the principles of contemporary spectacles with the advantages of state-of-the-art materials. Both designs are well-suited to any wearer situation, and can also be used as overspecs for prescription wearers.

uvex

Coating of the lens

1. uvex supervision sapphire: excellent scratch and chemical resistance, 100% UV protection
2. uvex supervision excellence: excellent scratch and chemical resistance and easy to clean (nano clean hybrid)

Type	Colour	Lens	Coating	PK	Cat. No.
super f OTG	black	PC transparent/UV 2-1.2	1	1	6.252 619 1
super f OTG	black/white	PC light brown 5-1.4	2	1	4.672 691
super OTG	navy blue	PC transparent/UV 2-1.2	2	1	6.234 320
super OTG	navy blue	PC transparent/UV 2-1.2	1	1	7.650 112 2
super OTG	black	PC grey /UV 5-2.5	1	1	7.653 307 3

1


6.252 619

2


7.650 112

3


7.653 307

4


4 LLG-Dispenserbox, Acrylic Glass

With hinged lid. For storage of laboratory tools, e.g. laboratory goggles, gloves or other small items. Wall mounting possible (mounting material included)
- for about 12 goggles

Description	Dimensions (W x D x H) mm	PK	Cat. No.
LLG-Dispenserbox	216 x 216 x 200	1	6.286 593

5


5 Lens Cleaning Tissues 9963

- suitable for all uvex lenses
 - silicone-free
 - 100 individually sealed tissues in a box.
 - incl. clip for wall mounting
- Please order wall mounting unit separately.

uvex

Description	PK	Cat. No.
Cleaning tissues 9963	100	6.200 654
Wall mounting unit	1	6.242 313

1 2 Mini-Ultrasonic Cleaner LLG-uniSONIC 1

For convenient cleaning of goggles or smaller laboratory instruments. Eco-friendly, only needs warm water. By ultrasonic sound millions of small air bubbles are generated. Combined with a very high pressure these achieve a fast, efficient and effortless cleaning.

- Ready to use, no assembly required
- Automatic 3-minute-operation can be stopped anytime
- Removable lid
- Stainless steel tank

Scope of supply: ultrasonic cleaning device, lid

1



2



Specifications

Capacity:	approx. 340 ml
Frequency:	45 kHz
cleaning performance:	30 Watt
Outer Dimensions (W x D x H) approx.:	200 x 115 x 115 mm
Dimensions tank (W x D x H) approx.:	155 x 80 x 40 mm
Weight:	630 g
Power supply:	220 ... 240 V, 50 Hz
Warranty:	3 years

Type	PK	Cat. No.
LLG-uniSONIC 1	1	6.263 560

3 LLG-Protective Visor with chin protection

- Transparent 1 mm Flip-up protective polycarbonate visor
- 100% UV protection (to 380 nm)
- Head holder adjustable with elastic band
- Height adjustable head holder
- Can be worn over glasses and protective masks
- Weight: 224g

3



Description	PK	Cat. No.
LLG-Face visor with chin protection, clear PC shield, elastic headband	1	6.284 958

4 Face Shields Clearways

Browguard CB14:

- Light weight
- Elastic napestrap allows individual adjustment
- Adjust headband while wearing the face shield

Honeywell Safety

Face shield visors:

- Impact and chemical resistant
- Comfortable and lightweight, even during extended usage
- Visor can be tilted upwards and locked in any position
- Easy exchangeable visors

Please order browguard and visor separately.

4



Type	Description	PK	Cat. No.
CB14	Browguard with elastic napestrap	1	9.005 067
CV83 P	Face shield visor, PC with UV-protection (100 to 380nm), against mechanical hazards	1	9.005 066
CV84 A	Face shield visor, Acetat, against spilling chemical	1	6.070 565

1


1 Surgical Face Masks, Profil Elastic Bands

- soft, non-irritating, elastic bands
- three-ply, non-fibre-glass, filter material
- integral nose bridge
- bacterial filtration efficiency 99%
- EN 14683 type II R, CE

Unigloves

Colour	PK	Cat. No.
white	50	6.264 475
green	50	6.264 631
blue	50	9.405 162

2


2 Surgical Face Masks BASIC

- tear-resistant, bands
- three-ply, non-fibre-glass filter material
- integral nose bridge
- bacterial filtration efficiency 99 %
- EN 14683 Typ II R, CE

Unigloves

Colour	PK	Cat. No.
white	50	9.405 165

3


3 Surgical Masks, Tie-On and Ear-Loop

Surgical Face Masks type II with elastic ear-loop or with tie-tapes. Superb, non-allergenic material, latex-free, preferred for its comfort and breathability inner lining. According to EN 14683.

3M Deutschland

- Type 1826: Ear-Loop OP-Masks, Type II R, Pressure difference < 60
- Type 1818: Tie-On OP-Masks, Type II, Pressure difference < 40

Type	Description	PK	Cat. No.
1826	Ear-Loop	50	6.253 796
1818	Tie-On	50	9.405 106

4


Tie-on

4 5 Surgical Masks, Tie-on and Earloop

Surgical Face Masks with tie-tapes or with elastic earloop

B. Braun Deutschland

- Surgical face mask type II
- According to EN 14683:2005
- For patients and health care professionals
- Non-woven latex-free material
- Excellent fit
- Breathing resistance < 29.4 Pa/cm²
- Bacterial filtration efficiency (BFE) ≥ 98 %

5


Earloop

Type	PK	Cat. No.
Tie-on	50	6.292 221
Earloop	50	4.667 902

Protection level classification

These filter classes are minimum requirements and simply serve as a guide. It is the wearers' responsibility to make sure the breathing apparatus conforms to the requirements in terms of hazardous materials and concentration before use!

FFP 1: for particles that are neither toxic nor associated with fibrosis. For protection up to 4 times the corresponding threshold limit value

FFP 2: for hazardous or harmful particles, vapour and smoke; filters for solid and liquid particles with a medium filtering level. For protection up to 10 times the corresponding threshold value

FFP 3: for poisonous particles, vapour and smoke; filters for solid and liquid aerosols with a high filtering classification. For protection up to 30 times the corresponding threshold limit value

R labelling: The mask has been tested for reusability and has the required performance features for wearing during a second work shift.

NR: non reusable

D labelling: The mask has undergone additional dolomite dust testing and therefore affords excellent breathability, even in extremely dusty environments and during longer periods of use.

Respirator Series BARIMASK

Particle filtering half mask Series BARIMASK with exhalation valve for protection against liquid and solid particles

- Folding masks or moulded masks
- According to EN 149:2001+A1:2009,
- With two adjustable head straps,
- Adjustable noseband,
- Foam padding in the nose area
- Exhalation valve.

Type	Description	Protection-level	PK	Cat. No.
BARIMASK C2	moulded masks, without exhalation valve	FFP2	20	4.672 094
BARIMASK C2V	moulded masks, with exhalation valve	FFP2	10	6.311 972 1
BARIMASK C3V	moulded masks, with exhalation valve	FFP3	10	6.311 973
BARIMASK F2	folded, without exhalation valve	FFP2	20	4.672 096
BARIMASK F2V	folded, with exhalation valve	FFP2	15	6.311 970 2
BARIMASK F3V	folded, with exhalation valve	FFP3	10	6.311 971



BartelsRieger

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6.311 972

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6.311 970

Respirators silv-Air c, Moulded Masks

- highest safety (certified according EN149)
- anatomical design and soft material-edges, avoid bruising to the face
- compatible with safety spectacles because of the safe optimised nose-area
- seamless, continuous headband for comfortable and secure mask fit
- innovative shape-optimised design
- circulatory venting via the soft edges, prevents fogging of safety spectacles
- colour coding
- model silv-Air 2220 with carbon layer in the filter reduces unpleasant odors additionally

uvex

3



9.005 753

Type	Description	Protection-level	Colour coding	Colour	PK	Cat. No.
silv-Air 2100	with half circulatory venting	FFP1	blue	white	20	9.005 750
silv-Air 2110	with exhale valve, with half circulatory venting	FFP1	blue	white	15	9.005 751
silv-Air 2200	with half circulatory venting	FFP2	orange	white	20	9.005 752
silv-Air 2210	with exhale valve, with half circulatory venting	FFP2	orange	white	15	9.005 753 3
silv-Air 2220	with exhale valve and carbon filter, with half circulatory venting	FFP2	orange	silver	15	9.005 754
silv-Air 2310	with exhale valve	FFP3	black	white	15	9.005 755

Particle-filtering folding mask silv-Air 5110, 5210, 5310

- Particle-filtering folding mask with exhalation valve
- Individually packed
- Color: white
- Also available without exhalation valve
- Certified FFP1 face mask to EN 149 and EU Directive 89/686/EEC
- D label (dolomite dust test passed): maximum breathability even with really high dust levels
- Cannot be reused
- Flexible and adjustable nose clip
- Soft sealing lip guarantees a secure, comfortable sealed position of the mask
- Soft material edges for high wearing comfort
- Adjustable head band offering easy handling and comfortable fit

uvex

Type	Description	Protection-level	Colour coding	PK	Cat. No.
silv-Air 5110	with exhale valve	FFP1	blue	15	4.664 620 1
silv-Air 5210	with exhale valve	FFP2	orange	15	4.664 621 2
silv-Air 5310	with exhale valve	FFP3	black	15	4.664 622 3

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4.664 620

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4.664 621

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4.664 622

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4 Respirators with 2-Way-Protection Aura™ 1883+, Folding Masks

3M Deutschland

The 3M™ Aura™ Health Care Particulate Respirator 1883+ provides effective respiratory protection for use in medical environments where health care workers will be exposed to airborne dust particles, non-volatile liquid particles and bio-aerosols. This respirator limits the transmission of infectious agents from staff to patients and is suitable for use during surgical procedures and certain other medical procedures.

It protects the user as well as the product being handled.

This product also offers resistance to penetration of splashes of liquid.

Features and advantages as Aura™ 9300+ series

Authorisation: EU construction test
 Testing standards: EN 149:2001 + A1:2009
 EN14683:2005

Type	Description	Protection-level	PK	Cat. No.
Aura™ 1883+	with valve	FFP 3	8	9.005 681

Respirators Aura™ 9300+Gen3, Series, Folding Masks

The 3M™ Aura™ Particulate Respirator 9300+Gen3 Series is now the third generation. The new Cool Flow™ Comfort Valve opens 37% easier than the original Cool Flow™ valve, allowing 36% more air, together with its natural heat, to be expelled more rapidly

3M Deutschland

- Cool Flow™ Comfort Valve
- Ease of positioning
- Braided headbands
- Colour coded for easy identification (FFP1 = yellow, FFP2 = blue, FFP3 = red)
- 3M™ Advanced Electret (Filter) Media (AEM)
- Embossed top panel helps re-direct exhaled air, reducing fogging of eyewear
- Large soft nose foam material and smooth inner cover
- Hygienic individual packaging helps protect the respirator from contamination before use
- 3M Safe Guard™ Product Authentication Process

Testing standards: EN 149:2001 + A1:2009

Type	Protection-level	Description	PK	Cat. No.
Aura™ 9310+Gen3	FFP1	without valve	20	4.665 366 ¹
Aura™ 9312+Gen3	FFP1	with Cool-Flow valve	10	4.665 367
Aura™ 9320+Gen3	FFP2	without valve	20	4.665 368
Aura™ 9322+Gen3	FFP2	with Cool-Flow valve	10	4.665 369 ²
Aura™ 9330+Gen3	FFP3	without valve	20	4.665 370
Aura™ 9332+Gen3	FFP3	with Cool-Flow valve	10	4.665 371 ³
Aura™ 9312+Gen3SV	FFP1	with Cool-Flow valve, small package	5	4.665 372
Aura™ 9320+Gen3SV	FFP2	without valve, small package	5	4.665 373
Aura™ 9322+Gen3SV	FFP2	with Cool-Flow valve, small package	5	4.665 374
Aura™ 9332+Gen3SV	FFP3	with Cool-Flow valve, small package	5	4.665 375
Aura™ 9322+Gen3BV	FFP2	with Cool-Flow valve	330	4.665 376
Aura™ 9332+Gen3BV	FFP3	with Cool-Flow valve	330	6.310 598

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4.665 366

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4.665 369

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4.665 371

Premium Respirators 8825+ and 8835+, Moulded Masks

Respirators Premium 8825+ and 8835+ moulded masks offer the new patented 3-dimensional face seal with integrated nose profile of 3M Premium+ Series, the convenience of a disposable mask as well as the concept of tailor-made face seal of reusable respirator masks: Flexible 3-dimensionality for an individual and securely sealed fit! The face seal of the mask 8825+ and 8835+ improves the sealing fit. The profile of the respirator directs the air escaping through the filter medium away from the face. The upward air flow is minimized as much possible reducing fogging of safety glasses.

3M Deutschland

Authorization: EU construction test
Testing standards: EN 149:2001

4



6.284 248

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6.284 249

Type	Protection-level	Usage restrictions	PK	Cat. No.
8825+	FFP2 RD	12 x TLV	5	6.284 248 ⁴
8835+	FFP3 RD	50 x TLV	5	6.284 249 ⁵

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1 Half Mask, Series 4000+

The 3M™ Maintenance-Free Reusable Half Mask, 4000+ Series incorporating a newly engineered valve assembly that helps reduce exhalation-breathing resistance by over 30 %.

3M Deutschland

- Maintenance-free construction
- Easy to fasten neck strap
- Ready to use
- Low profile design for better peripheral vision
- Lightweight, well balanced design
- Soft, non-allergenic material with textured face seal
- Central position of the exhalation valve for effective removal of heat
- Use until damaged, particulate filters clog or gas filters become saturated
- Very good compatibility with panoramic eyeshield 3M™ 2890 and 2890SA

Type	Protection-level	Usage restrictions	PK	Cat. No.
4251+	FFA1P2 R D	10 x TLV for gases/vapours 12 x TLV for particles	1	6.312 033
4255+	FFA2P3 R D	10 x TLV for gases/vapours 50 x TLV for particles	1	6.312 034
4277+	FFABE1P3 R D	10 x TLV for gases/vapours 50 x TLV for particles	1	6.312 035
4279+	FFABEK1P3 R D	10 x TLV for gases/vapours 50 x TLV for particles	1	6.312 036

2



2 Half Mask, DUETTA

Tested to EN 140 standards and certificated according to PPE guideline 89/686/EWG. With double filter connection. Plastic mask body with soft, sealing surface. Elastic adjustment straps with head gear.

BartelsRieger

- One mask size fits all face shapes
- Excellent field of vision, unrestricted freedom of movement and outstanding comfort
- Superior balance through double filter technology
- Non-allergenic
- Optimal sealing provided by newly designed sealing rim
- Easily dismantled for cleaning and maintenance
- One-piece headband for optimal fit
- Simple and secure filter attachment with bayonet connection

Type	PK	Cat. No.
Half mask, DUETTA	1	9.005 590

3



3 4 Filters for DUETTA half mask

(According to EN 143 and EN 14387)

BartelsRieger

- Filter 203 A2: Painting, varnishing, stripping
 Filter 203 P3R: Asbestos fibres, dust
 Filter 203 ABEK: Chemical industry (escape device), livestock owners
 Filter 205 A2P3: Paint spraying, dioxin

Filter 205 ABEKP3: Hydrochloric acid, formic acid, disinfection work

4



Type	Protection-level	PK	Cat. No.
Gas filter 203 A2	A2	4	9.005 592
Particle filter 203 P3R	P3 R	4	9.005 593
Gas filter 203 ABEK	ABEK1	4	9.005 594
Filter 205 A2P3	A2-P3 R	4	9.005 595
Combination filter 205 ABEKP3	ABEK1-P3 R	4	9.005 596

Half Mask, Secure Click™

NEW

3M Deutschland

Designed with smart and intuitive features 3M™ Secure Click™ Half Mask Reusable Respirator HF-800 Series is simple, comfortable and reliable. Available in three sizes: small, medium, and large.

Optionally with speaking diaphragm. Experience the greater breathability and comfort provided by the world's first quad-flow gas and vapour filter/combination filter system. Increase worker confidence that the respirator is being worn properly with the easy, one-touch, user seal check.

Please order matching filters separately.



4.672 685



4.672 686

Type	Size	Description	PK	Cat. No.
HF-801	S		1	4.672 684
HF-801SD	S	with speaking diaphragm	1	4.672 685 1
HF-802	M		1	4.672 686 2
HF-802SD	M	with speaking diaphragm	1	4.672 687
HF-803	L		1	4.672 688
HF-803SD	L	with speaking diaphragm	1	4.672 689

3 Half Mask Series 6000

3M Deutschland

Economical and easy to wear. The 3M™ 6000 Series half masks have a good price and performance ratio. They are low- maintenance, easy to handle and extremely lightweight

- Available in 3 sizes.
- Extremely lightweight mask body
- Unobstructed view due to compact design
- Double filter system for good weight distribution
- Wide range of filters for a variety of uses
- Compatible with 3M™ goggles

Please order matching filters separately.



Type	Description	PK	Cat. No.
6100	Half mask, size S	1	6.202 382
6200	Half mask, size M	1	6.303 898
6300	Half mask, size L	1	6.303 899

4 Half Mask Series 7500

3M Deutschland

The 3M™ 7500 Series Half Masks are made of skin-friendly silicone and feature "Drop-down"-Ribbons. These encircling ribbons allow you to take off the mask easily in short breaks and leave it hanging in front of the chest instead of having to take it off completely .

- "Drop-Down" ribbons
- Elastic, adjustable ribbons
- Patented 3M™ Cool Flow™ exhalation valve
- Perfect sealing fit by structured face sealing
- Double filter system for reduced breathing resistance and good weight distribution
- Wide range of spare parts and filters
- 3 sizes - fitting for every face shape
- Compatible with 3M™ Goggles

Please order matching filter separately.



Type	Description	PK	Cat. No.
7501	half mask size S	1	6.225 803
7502	half mask size M	1	7.630 104
7503	half mask size L	1	6.230 881

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1 Full Face Mask Series 6000

Easy to wear and comfortable. The full face masks 6000 Series (Class 1) are low maintenance and impress with their easy handling and their comfort. All types of this series are equipped with a bayonet-click connection, this allows a quick and easy change of filters that you can choose from an extensive range to suit your application. The 6000 series is also characterized by an extensive range of spare parts and is easy to maintain. They are available in 3 sizes.

3M Deutschland

- Easy to maintain and economical
- Extremely lightweight mask body cares for fatigue-free work
- Compact design allows unobstructed view
- Double filter system for reduced breathing resistance and good weight distribution
- Wide range of filters for versatile applications

Please order matching filters separately.

Type	Description	Class	PK	Cat. No.
6700S	Full face mask, size S	1	1	6.234 463
6800M	Full face mask, size M	1	1	6.200 316
6900L	Full face mask, size L	1	1	6.234 464

Compatible Filter System for 3M Half and Full Masks

All filters fit via bayonet-click connection to the mask series 6000, 6500, and 7500 and 7000. The right filter for every application. No matter what the working area is, using 3M™ Respirators, the comprehensive 3M™ Filter program gives optimum safety and provides versatile application possibilities. The compatible 3M™ range of filters includes combinable changeable filters against gases, vapors and/or particles and also combination filters.

3M Deutschland

Type	Description	Protection-level	PK	Cat. No.
6051	Gas and Vapour Cartridge against organic vapours	A1	2	6.269 590
6054	Gas and Vapour Cartridge against ammonia	K1	2	6.269 584
6055	Gas and Vapour Cartridge against organic vapours	A2	2	6.269 588 2
6057	Gas and Vapour Cartridge against organic, inorganic and acid vapours	ABE1	2	6.269 589 3
6059	Gas and Vapour Cartridge against organic, inorganic and acid vapours, ammonia and particles	ABEK1	8	7.620 305 4
6000	Gas and Vapour Cartridge against organic vapours	AXP3	2	6.270 183
6075	Gas and Vapour Cartridge against organic vapours and formaldehyde	A1+ Formaldehyde	2	6.269 586
6096	Gas and Vapour Cartridge against mercury vapours and particles	A1HgP3NR	2	6.269 585
6099*	Gas and Vapour Cartridge against organic, inorganic and acid vapours and ammonia	ABEK2P3R	2	7.072 310 5
5911	Particulate Filters, for use in combination with Gas and Vapour Cartridges	P1R	2	6.267 784
5925	Particulate Filters, for use in combination with Gas and Vapour Cartridges	P2R	2	6.267 785
5935	Particulate Filters, for use in combination with Gas and Vapour Cartridges	P3R	2	6.267 786 6
501	Filter Retainer for combination of Gas and Vapour Cartridge with Particulate Filters		2	6.269 587 7

*only for Full Masks

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6.269 588

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6.269 589

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7.620 305

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7.072 310

6


6.267 786

7


6.269 587

8


8 Full Face Mask BRK 820

Tested and approved to EN 136 and CE certified. With polycarbonate visor. Speech diaphragm and round thread connection according to EN 148-1.

BartelsRieger

- Maximum field of vision thanks to low position nosepiece with two exhalation valves
- Heat resistant polycarbonate visor, tested and approved for use by firefighters
- Carefully designed airway ensures non-misting visor
- 5-point headstrap attachment
- Optimal sealing to face, can be fitted to all head sizes
- Shock-absorbing device reduces the risk of injuries caused by impacts to the mask
- Resistant PE speech membrane in stainless steel casing
- Variable fastening headstrap
- No special tools required for maintenance
- Simple operation for changing sealing rings and ventilation panels

Full face mask BRK 820 G

As facemask BRK 820, but with a scratch- and solvent-resistant surface-hardened polycarbonate lens.

Type	Class	PK	Cat. No.
BRK 820	3	1	9.005 555
BRK 820 G	3	1	6.401 235

1 Respiratory Protection - Screw-Type Filters for Full Face Mask BRK 820

1

The filters are tested and approved to EN143/EN 14387. Offer very low breathing resistance. Their lifespan depends on the toxicity, humidity and air consumption of the user. Measurements differ with application so it is impossible to predict the working lifespan.

Filter exhaustion can be detected as follows:

- Gas filters: appearance of odours, tastes or irritants in inhaled air.
- Particle filters: increase in breathing resistance.

Storage times for unused gas and combination filters (kept sealed in manufacturer's packaging) 6 years. Particle filters can be stored for 10 years.

Individually sealed in PE bags and packed in outer boxes.

- Protection level A: Vapours from organic compounds with boiling point > 65 °C
- Protection level B: Inorganic gases and vapours e.g. chlorine, hydrogen sulphide
- Protection level E: Sulphur oxide, acidic gases
- Protection level K: Ammonia
- Protection level AX: Gases and vapors from organic compounds with boiling point < 65 °C, low boilers in groups 1 and 2
- Protection level Hg: Mercury vapours
- Protection level NOST: Nitrogen oxides, including nitric monoxide and particles P3
- Protection level P 1: Particles (fumes, smoke, dust) from inert substances
- Protection level P 2: Particles from non-toxic substances
- Protection level P 3: Particles from toxic substances

BartelsRieger



Description	Type	PK	Cat. No.
Gas filter	A2	1	9.005 558
Gas filter	AB2	1	6.224 032
Gas filter	B2	1	9.005 559
Gas filter	E2	1	7.604 410
Gas filter	K2	1	9.005 561
Gas filter	ABE2K1	1	9.005 563
Gas filter	ABEK2	1	6.224 033
Gas filter	AX	1	6.200 208
Combined filter	A2 P2 R D	1	9.005 565
Combined filter	B2 P2 R D	1	9.005 566
Combined filter	ABE2K1 P3 R D	1	7.616 476
Combined filter	AB2 P3 R D	1	6.228 471
Combined filter	B2 P3 R D	1	6.302 979
Combined filter	ABEK2 P3 R D	1	9.005 570
Combined filter	AX P3 R D	1	6.227 097
Combined filter	ABEK2Hg P3 R D	1	6.232 031
Special filter	NO P3 R D	1	6.201 023



Ear protection/Noise protection

1



1 Ear Plugs

Non-allergenic, comfortable polyurethane. Smooth surface, dirt-repellent and hygienic. Conical shape expands to fill the ear canal. Meets EN 352-2 requirements. Available with, or without connecting cord.

3M Deutschland

Sound protection (SNR): 37 dB(A)

Type	PK	Cat. No.
Without cord	200	9.005 046
With cord	100	9.005 047

2 3 4 5 Earplugs, Refill packs

The right solution for every auditory canal: Uvex ear protection plugs are available in sizes S, M and L. Their ergonomic shape offers a high wearing comfort. The soft PU foam adapts perfectly to the auditory canal, providing optimal protection. Refill packs for uvex one2click dispenser or for wall box dispenser.

uvex

Type	Sound protection (SNR)	Size	Colour	For	Package	PK	Cat. No.
com4-fit	33 dB	S	light red	Wall-mounted dispenser	packed in pairs	200	9.005 028
com4-fit	33 dB	S	light red	uvex one2click	loose	300	6.285 529
x-fit	37 dB	M	lime	Wall-mounted dispenser	packed in pairs	200	6.233 602
x-fit	37 dB	M	lime	uvex one2click	loose	300	6.268 846
xtra-fit	36 dB	L	orange	Wall-mounted dispenser	packed in pairs	200	6.285 528
xtra-fit	36 dB	L	orange	uvex one2click	loose	250	6.285 531
xact-fit	26 dB	M	lime	uvex one2click	loose	400	6.285 530

2



com4-fit

3



x-fit

4



xtra-fit

5



6



6 7 Dispenser uvex one2click and Wall-mounted dispenser

uvex one2click:

- easy-to-use and robust wall-mounted dispenser
- earplugs available to hand with just one click
- collecting tray prevents earplugs from falling on the floor
- suitable for all uvex disposable earplugs
- the transparent design makes refilling easy to monitor

uvex

Wall-mounted dispenser: Plexiglas wall-mounted dispenser, suitable for uvex x-fit, uvex com4-fit, uvex one-fit, uvex xtra-fit, uvex hi-com, uvex whisper, uvex whisper+.

7



Earplugs not included.

Description	PK	Cat. No.
uvex one2click dispenser	1	6.239 985
Wall-mounted dispenser	1	7.940 554

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8 9 Earplugs, whisper

Easy-to-clean reusable earplugs with cord

- Reusable earplug with smooth, dirt-repellent surface
- Easy to clean with soap and water
- Hygienic storage of earplugs in hygiene box

NEW
uvex

Packing: 50 pairs in mini box or 50 pairs in hygiene box

Sound protection (SNR): 24 dB(A)

9



Description	PK	Cat. No.
Earplugs in hygiene box	50	7.658 725

1 Ear Plugs with Headband, 1310

These ear protectors are suitable for intermittent use. The soft plugs are made of non-allergenic material. The headband is made of hard-wearing material. Meets EN 352-2 requirements.

3M Deutschland

Sound protection (SNR): 26 dB(A)

Type	PK	Cat. No.
Ear protectors, each, 1310	10	9.005 048
Replacement plugs, pair	20	9.005 049

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2 Ear Defender uvex K1

Soft memory foam cushions are light and extremely comfortable to wear.

uvex

- Easy length adjustment
- Padded headband for optimal comfort
- Wearer comfort is ensured through soft surface
- Designed to be lightweight with a small capsule

Sound protection (SNR): 28 dB(A)

Type	PK	Cat. No.
uvex K1	1	6.270 939

2



3 LLG-Universal dispenser, acrylic glass

LLG-Universal dispenser with hinged lid and removal opening. For clean storage of laboratory accessories, e.g. disposable hoods, overshoes or other small items. Wall mounting possible (mounting material included).

Description	Dimensions mm	PK	Cat. No.
LLG-Universal dispenser	206 x 216 x 213	1	6.289 563

3



Ear protection/Noise protection



Safety Equipment Storage Boxes SecuBox Mini/Midi/Maxi

Ideal storage containers for industrial health and safety equipment in the workplace. Labelled with international symbol, meets DIN EN ISO 7010 regulations. Easily mounted to walls or on work surfaces. Safety: Industrial health and safety equipment is available wherever it is needed. Cleanliness: Industrial health and safety equipment is protected from dirt, dust and splashes.

Dimensions (overall/internal):

Mini: 23.6 x 12.0 x 12.0 cm/23.0 x 11.2 x 11.2 cm

Midi: 23.6 x 22.5 x 12.5 cm/23.0 x 21.8 x 11.8 cm

Maxi: 23.6 x 31.5 x 20.0 cm/23.0 x 29.9 x 19.2 cm

Type	Description	Colour	PK	Cat. No.
Mini	Eye protection	blue	1	9.005 520 1
Mini	Eye protection	transparent	1	9.005 521
Mini	Ear protection	blue	1	9.005 522
Mini	Ear protection	transparent	1	9.005 523 2
Mini	Eye + ear protection	blue	1	9.005 524
Mini	Eye + ear protection	transparent	1	9.005 525
Mini	Breathing protection	blue	1	9.005 526
Mini	Breathing protection	transparent	1	9.005 527
Mini	Protection gloves	blue	1	9.005 528
Mini	Protection gloves	transparent	1	9.005 529
Mini	Hair protection	blue	1	9.005 518
Mini	Hair protection	transparent	1	9.005 519
Midi	Eye protection, without inlet	blue	1	9.005 500
Midi	Eye protection, without inlet	transparent	1	9.005 501
Midi	Ear protection	blue	1	9.005 502
Midi	Ear protection	transparent	1	9.005 503
Midi	Eye + ear protection	blue	1	9.005 504
Midi	Eye + ear protection	transparent	1	9.005 505
Midi	Breathing protection	blue	1	9.005 506
Midi	Breathing protection	transparent	1	9.005 507
Midi	Protection gloves	blue	1	9.005 508
Midi	Protection gloves	transparent	1	9.005 509
Midi	Protection gloves, long	blue	1	9.005 511
Midi	Protection gloves, long	transparent	1	9.005 512
Midi	Hair protection	blue	1	9.005 513
Midi	Hair protection	transparent	1	9.005 514
Midi	Protective overall	blue	1	9.005 515
Midi	Protective overall	transparent	1	9.005 516
Midi	Eye protection with insert for 4 safety glasses	transparent	1	9.005 548
Midi	Eye protection with insert for 4 safety glasses	blue	1	9.005 517
Midi	Inlet for Box	anthrazit	1	9.005 531
Maxi	Eye protection with insert for 12 safety glasses	transparent	1	6.286 722
Maxi	Eye protection with insert for 12 safety glasses	blue	1	9.005 549 3
Maxi	Eye and ear protection	blue	1	9.005 544 4
Maxi	Face shield	blue	1	9.005 547
Maxi	Helmet	blue	1	9.005 541
Maxi	Helmet and eye protection	blue	1	9.005 542
Maxi	Helmet and ear protection	blue	1	9.005 543
Maxi	Helmet and full face mask	blue	1	9.005 546
Maxi	Full face mask	blue	1	9.005 545



Standards for safety gloves



EN ISO 374-1:2016/Type A	Gloves with Type A must withstand a breakthrough time of 30 minutes against minimum 6 test chemicals
EN ISO 374-1:2016/Type B	Gloves with Type B must withstand a breakthrough time of 30 minutes against minimum 3 test chemicals
EN ISO 374-1:2016/Type C	Gloves with Type C must withstand a breakthrough time of 10 minutes against minimum 1 test chemicals
EN ISO 374-5 VIRUS	Protective hand gloves against microorganisms
EN 388	Protective hand gloves against mechanical risks
EN 407	Protective hand gloves against thermal risks (heat and/or fire)
EN 420	note instructions for use
EN 421	Protective hand gloves against ionising radiations and radioactive contamination
EN 511	Protective hand gloves against cold Not harmful to food stuffs
AQL-Value:	acceptable quality level for penetration

1 Disposable Gloves Premium, Vinyl



Unigloves

Non-sterile, hypoallergenic, powder-free with beaded cuff. EN 455 T 1-4, CE. Supplied in dispenser box containing 100 gloves. **Cat. I**

1



Size	PK	Cat. No.
XS (5 to 6)	100	9.005 349
S (6 to 7)	100	9.005 350
M (7 to 8)	100	9.005 351
L (8 to 9)	100	9.005 352
XL (9 to 10)	100	9.005 353

2 3 LLG-Disposable Gloves classic, Latex



The ideal glove for all applications which require a high tactile sensitivity.

- Skin-friendly
- Powder-free
- Excellent tactile sensitivity
- High durability due to special formulation
- **Cat. III Low Chemical resistant.** AQL 1.5.
- Thiuram free, reduced risk of contact eczemas

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling. You can find the appropriate compatibility list on www.llg-labware.com in the Downloads section.

Glove shape:	flat with rolled edge, ambidextrous
Material:	natural latex
Colour:	natural white
Outside:	textured fingers
Inside:	powder free
Size/Length:	S, M, L, XL/med. 240 mm
Thickness (measured in double layer):	0.20 mm

2



3



Size	PK	Cat. No.
S	100	9.006 383
M	100	9.006 384
L	100	9.006 385
XL	90	9.006 386

1



1 Disposable Gloves, Vasco®, Latex, Powdered

B. Braun Deutschland

EN ISO 374-1
Type C



EN ISO 374-5



Protective gloves according to PPE Regulation EU 2016/425 (Cat. III)

- Powdered
- With rolled edge
- Ambidextrous
- Thickness on the palm: 0.08 mm
- Thiuram free,
- AQL 1.5
- 100 pieces per dispenser box

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016

Size	PK	Cat. No.
S (6 to 7)	100	9.405 286
M (7 to 8)	100	9.405 287
L (8 to 9)	100	9.405 288

2



2 Disposable Gloves Vasco® Sensitive, Latex

B. Braun Deutschland

EN ISO 374-1
Type B



EN ISO 374-5



EN 420



Protective gloves according to PPE Regulation EU 2016/425 (Cat. III)

- Powder-free
- Chlorinated with latex-free polymer inner coating
- With rolled edge
- Ambidextrous
- Thickness on the palm: 0.12 mm
- Thiuram free,
- AQL 1.5

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Size	PK	Cat. No.
S (6 - 7)	100	9.405 289
M (7 - 8)	100	9.405 290
L (8 - 9)	100	9.405 291
XL (9 - 10)	90	7.657 074

3



3 Disposable Gloves Select Plus, Latex

Unigloves

EN ISO 374-1
Type C



EN ISO 374-5



EN 420



Non-sterile, powder-free, hypoallergenic, with beaded cuff and micro-roughened surface, Protein content <30µg/g. EN 455 T 1-4, CE. Type examination test acc. EN 374.

Supplied in dispenser box containing 100 gloves. **Cat. III Low Chemical resistant. AQL 1.5**

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Size	PK	Cat. No.
XS (5 to 6)	100	9.005 339
S (6 to 7)	100	9.005 340
M (7 to 8)	100	9.005 341
L (8 to 9)	100	9.005 342
XL (9 to 10)	100	9.005 343

1 Disposable Gloves Comfort, Latex, Powder-Free

Unigloves

EN ISO 374-1
Type C



EN ISO 374-5



VIRUS

Non-sterile, hypoallergenic. With beaded cuff and micro-roughened surface. TÜV tested, AQL 1.5. Supplied in dispenser box containing 100 gloves. EN 455 T 1-3, CE. **Cat. I**
According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016

Size	PK	Cat. No.
XS (5 to 6)	100	9.405 235
S (6 to 7)	100	9.405 236
M (7 to 8)	100	9.405 237
L (8 to 9)	100	9.405 238
XL (9 to 10)	100	9.405 239



2 Disposable Gloves, Manufix® Sensitive, Latex

B. Braun Deutschland

EN ISO 374-1
Type B



KPT

EN ISO 374-5



VIRUS

EN 420



Protective gloves according to PPE Regulation EU 2016/425 (Kat. III)

- Powder-free according to MDD 93/42/EWG, EN 455
- Natural rubber latex
- Latex free
- With rolled edge
- Ambidextrous
- Thickness on the palm: 0.12 mm
- Thiuram free
- AQL 1.5

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Type	Description	Size	PK	Cat. No.
Sensitive	powder free	S (6 - 7)	100	9.405 205
Sensitive	powder free	M (7 - 8)	100	9.405 206
Sensitive	powder free	L (8 - 9)	100	9.405 207
Sensitive	powder free	XL (9 - 10)	90	6.227 083



3 4 Disposable Gloves Kimtech™ Satin Plus, Latex

Kimberly-Clark

EN ISO 374-1
Type C



K

EN ISO 374-5



VIRUS

Latex, powder free, non-sterile, disposable gloves, offering excellent finger sensitivity, DIN-EN-Standard approved and certified.

- natural rubber latex
- Beaded cuff, smooth surface
- powder-free, ambidextrous, meets AQL of 1.5
- **Cat. III Low Chemical resistant.**

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420

Size	Length mm	PK	Cat. No.
XS (5 - 6)	240	100	9.005 390
S (6 - 7)	240	100	9.005 391
M (7 - 8)	240	100	9.005 392
L (8 - 9)	240	100	9.005 393
XL (9 - 10)	240	90	9.005 394



1



1 2 Disposable Gloves Kimtech™ PFE, Latex

Kimberly-Clark

 EN ISO 374-1
Type C


EN ISO 374-5



Latex, powder free, non-sterile, disposable gloves, with roughened surface providing optimal grip in wet conditions.

Supplied in dispenser box containing 100 or 90 gloves, as outlined below.

- Beaded cuff
- Ambidextrous
- Powder-free
- Meets AQL of 1.5.
- **Cat. III Low Chemical resistant**

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420

2



Size	Length mm	PK	Cat. No.
XS (5 to 6)	240	100	9.005 405
S (6 to 7)	240	100	9.005 406
M (7 to 8)	240	100	9.005 407
L (8 to 9)	250	100	9.005 408
XL (9 to 10)	250	90	9.005 409

3



3 4 LLG-Disposable Gloves ergo, Nitrile, Powder-Free

 EN ISO 374-1
Type B


EN ISO 374-5



EN 420



The *ergo* disposable, protective, nitrile gloves combine the comfort and "feel" of latex with the physical and chemical endurance of nitrile, with no risk of allergies. The ideal glove for all applications requiring high tactile sensation and protection against chemicals.

- **Thin - very comfortable to wear**
- Excellent tactile sensitivity - similar to latex
- Tried and tested quality product made of nitrile
- Excellent resistance to skin irritants in foodstuffs
- Specially formulated for a more resilient glove
- For single use in applications with an increased need for safety when handling chemicals
- Free from phthalates/softeners and allergenic latex proteins
- Easy to wear and particularly skin-friendly through special finishing process
- Colour: Lavender Blue
- Suitable for areas subject to HACCP standards
- **Cat. III low chemical resistant. AQL 1.5**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling. You can find the appropriate compatibility list on www.llg-labware.com in the Downloads section.

4



Glove shape:	flat with rolled edge (ambidextrous)
Material:	nitrile
Colour:	lavender blue
Outside:	textured fingers
Inside:	powder-free halogenated
Size:	XS, S, M, L, XL
Thickness (measured in double layer):	0.12mm

Size	PK	Cat. No.
XS	200	9.006 370
S	200	9.006 371
M	200	9.006 372
L	200	9.006 373
XL	180	9.006 374

1 2 LLG-Disposable Gloves, *standard*, Nitrile, Powder-Free



Disposable protective glove in nitrile with enhanced comfort in use and greater chemical protection - the standard glove for the laboratory.

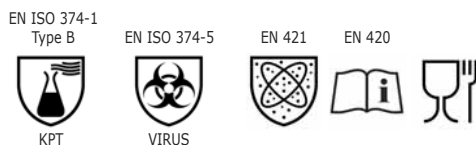
- **Comfortable to wear**
- **Good tactile sensitivity**
- Tried and tested quality product made of nitrile - excellent resistance to skin irritants in foodstuffs
- More resilience through special formulation
- For single use in applications with an increased need for safety when handling chemicals
- Free from phthalates/softeners and allergenic latex proteins
- Easy to don and particularly skin-friendly through special finishing process
- Colour blue - suitable for areas subject to HACCP standards
- **Cat. III Low Chemical resistant. AQL 1.5.**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling. You can find the appropriate compatibility list on www.llg-labware.com in the Downloads section.

Glove shape:	flat with rolled edge (ambidextrous)
Material:	nitrile
Colour:	blue
Outside:	textured
Inside:	powder-free halogenated
Size/total length:	S, M, L, XL/med. 240mm
Thickness (measured in double layer):	0.16mm

Size	PK	Cat. No.
S	100	9.006 375
M	100	9.006 376
L	100	9.006 377
XL	90	9.006 378

3 4 LLG-Disposable Gloves, *standard long*, Nitrile, Powder-Free



Disposable protective glove in nitrile with enhanced comfort in use and greater chemical protection - the standard glove for the laboratory.

- **For forearm protection, 300 mm length**
- Very comfortable to wear
- Tried and tested quality product made of nitrile - excellent resistance to skin irritants in foodstuffs
- More resilience through special formulation
- For single use in applications with an increased need for safety when handling chemicals
- Free from phthalates/softeners and allergenic latex proteins
- Easy to don and particularly skin-friendly through special finishing process
- Colour blue - suitable for areas subject to HACCP standards
- **Cat. III Low Chemical resistant. AQL 1.5.**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling. You can find the appropriate compatibility list on www.llg-labware.com in the Downloads section.

Glove shape:	flat with rolled edge (ambidextrous)
Material:	nitrile
Colour:	blue
Outside:	textured
Inside:	powder-free halogenated
Size/total length:	S, M, L, XL/med. 300mm
Thickness (measured in double layer):	0.16mm

Size	PK	Cat. No.
S	100	6.270 366
M	100	6.270 367
L	100	6.270 368
XL	90	6.270 369



1



1 2 LLG-Disposable Gloves *strong*, Nitrile, Powder-Free

 EN ISO 374-1
Type B


KTPO

EN ISO 374-5



VIRUS

EN 421



EN 420



Disposable, nitrile, heavy-walled, protective glove offering an enhanced resistance time against many chemicals. A protective glove for applications with higher safety requirements, but providing greater comfort in use than traditional chemical protective gloves.

- Very sturdy - higher material thickness

- Tried and tested quality product made of nitrile - excellent resistance to skin irritants in foodstuffs
- More resilience through special formulation
- For single use in applications with an increased need for safety when handling chemicals
- Free from phthalates/softeners and allergenic latex proteins
- Easy to don and particularly skin-friendly through special finishing process
- Colour blue - suitable for areas subject to HACCP standards

- Cat. III low chemical resistant. AQL 1.5.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling. You can find the appropriate compatibility list on www.llg-labware.com in the Downloads section.

2



Glove shape:

flat with rolled edge (ambidextrous)

Material:

nitrile

Colour:

blue

Outside:

textured

Inside:

powder-free halogenated

Size/total length:

S, M, L, XL/med. 240mm

Thickness (**measured in double layer**):

0.22mm

Size	PK	Cat. No.
S	100	9.006 379
M	100	9.006 380
L	100	9.006 381
XL	90	9.006 382



1 2 Disposable Gloves Pearl, Nitrile

EN ISO 374-1
Type C



K

EN ISO 374-5



VIRUS

EN 420



Unigloves

1



- coloured nitrile gloves with rolling edges
- micro-roughened finger tips
- non-sterile
- powder-free
- latex-free
- AQL 1.5
- **Cat. III Low Chemical resistant**
- Dispenser box containing 100 gloves

Manufactured by EN 455, T. 1-3

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling.

2



Type	Size	Colour	PK	Cat. No.
COBALT PEARL	XS	cobalt blue	100	6.284 466
COBALT PEARL	S	cobalt blue	100	6.284 467
COBALT PEARL	M	cobalt blue	100	6.284 468
COBALT PEARL	L	cobalt blue	100	6.284 469
COBALT PEARL	XL	cobalt blue	100	6.284 470
BLACK PEARL	XS	black	100	6.284 471
BLACK PEARL	S	black	100	6.256 325
BLACK PEARL	M	black	100	6.284 472
BLACK PEARL	L	black	100	6.255 232
BLACK PEARL	XL	black	100	6.284 473
OPAL PEARL	XS	turquoise	100	6.284 474
OPAL PEARL	S	turquoise	100	6.284 475
OPAL PEARL	M	turquoise	100	6.284 476
OPAL PEARL	L	turquoise	100	6.284 477
VIOLET PEARL	XS	violet	100	6.284 478
VIOLET PEARL	S	violet	100	6.284 479
VIOLET PEARL	M	violet	100	6.284 480
VIOLET PEARL	L	violet	100	6.243 985
VIOLET PEARL	XL	violet	100	6.243 986
PINK PEARL	XS	pink	100	6.284 481
PINK PEARL	S	pink	100	6.284 482
PINK PEARL	M	pink	100	6.284 483
PINK PEARL	L	pink	100	6.284 484
MINT PEARL	XS	mint	100	6.284 485
MINT PEARL	S	mint	100	6.284 486
MINT PEARL	M	mint	100	6.284 487
MINT PEARL	L	mint	100	6.284 488
MINT PEARL	XL	mint	100	6.284 489
PEACH PEARL	XS	apricot	100	6.284 490
PEACH PEARL	S	apricot	100	6.284 491
PEACH PEARL	M	apricot	100	6.284 492
PEACH PEARL	L	apricot	100	6.284 493
RED PEARL	XS	red	100	6.264 971
RED PEARL	S	red	100	6.282 866
RED PEARL	M	red	100	6.284 494
RED PEARL	L	red	100	6.284 495
RED PEARL	XL	red	100	6.284 496
White Pearl	XS	white	100	4.661 005
White Pearl	S	white	100	4.661 006
White Pearl	M	white	100	6.288 723
White Pearl	L	white	100	6.288 724
White Pearl	XL	white	100	4.661 009
Blue Pearl	XS	blue	100	4.661 010
Blue Pearl	S	blue	100	4.661 011
Blue Pearl	M	blue	100	4.661 012
Blue Pearl	L	blue	100	4.661 013
Blue Pearl	XL	blue	100	4.661 014
Saphir Pearl	XS	lilac	100	4.661 030
Saphir Pearl	S	lilac	100	4.661 031
Saphir Pearl	M	lilac	100	4.661 032
Saphir Pearl	L	lilac	100	4.661 033
Saphir Pearl	XL	lilac	100	4.661 034

1

1 2 Disposable Gloves Soft Nitril Premium, Nitrile
Unigloves

 EN ISO 374-1
Type C EN ISO 374-5 EN 420


Blue, non-sterile, powder-free, rolling edges.
Manufactured by EN 455, T. 1-4, AQL 1.5, CE.

Cat. III Low Chemical resistant

Supplied in dispenser box containing 100 gloves

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Size	Colour	PK	Cat. No.
XS (5-6)	blue	100	6.276 107
S (6-7)	blue	100	9.005 313
M (7-8)	blue	100	9.005 313
L (8-9)	blue	100	9.005 314
XL (9-10)	blue	100	9.005 315
XS (5-6)	white	100	4.661 058
S (6-7)	white	100	9.005 362
M (7-8)	white	100	9.005 363
L (8-9)	white	100	9.005 364
XL (9-10)	white	100	9.005 365

2

3

3 Disposable Gloves Format Blue, Nitrile
Unigloves

 EN ISO 374-1
Type C EN ISO 374-5 EN 420


Blue, powder-free, non-sterile, rolled edges.
Manufactured by EN 455, T. 1-4, EN 374, AQL 1.5, CE.

Cat. III Low Chemical resistance.

Supplied in dispenser box containing 100 gloves.

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Size	PK	Cat. No.
S (6-7)	100	9.005 395
M (7-8)	100	9.005 396
L (8-9)	100	9.005 397
XL (9-10)	100	9.005 398

4

4 Disposable Gloves Format, Nitrile
Unigloves

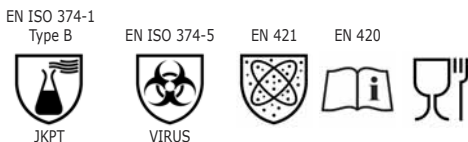
 EN ISO 374-1
Type C EN ISO 374-5 EN 420


Non-sterile, powder-free, hypoallergenic, with beaded cuff and microroughened surface.
EN 455 T 1-3, CE. Type examination test acc. EN 374. **Cat. III Low Chemical resistant.**
Supplied in dispenser box containing 100 gloves.

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420

Size	PK	Cat. No.
XS (5 to 6)	100	9.005 344
S (6 to 7)	100	9.005 345
M (7 to 8)	100	9.005 346
L (8 to 9)	100	9.005 347
XL (9 to 10)	100	9.005 348

1 2 Disposable Gloves TouchNTuff®, Nitrile



Ansell

- Manufactured from nitrile, TouchNTuff® offers up to four times the puncture resistance of comparable natural-latex gloves, and three times the resistance of similar neoprene gloves.
- It contains no natural rubber proteins, which means no risk of Type I allergies for the wearer. Primary skin irritation studies and Insult Patch tests have also shown no evidence of risk from irritation or allergic contact dermatitis.
- With a unique "Thin Nitrile Technology" formulation, this glove offers easy donning and strong grip in wet or dry conditions.
- The glove is highly versatile and suitable for many different uses.
- AQL 1.5 (EN374)
- **Cat. III Low Chemical resistant.**
- 100 % nitrile, powder-free, green, 0.12 mm thick, smooth.
- Supplied in dispenser box containing 100 gloves.

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling.

Size	Length mm	PK	Cat. No.
S (6.5 - 7)	240	100	9.005 400
M (7.5 - 8)	240	100	9.005 401
L (8.5 - 9)	240	100	9.005 402
XL (9.5 - 10)	240	100	9.005 403
S (6.5 - 7)	300	100	7.651 232
M (7.5 - 8)	300	100	6.236 916
L (8.5 - 9)	300	100	6.236 917
XL (9.5 - 10)	300	100	7.651 351

1



2



3 4 Disposable Gloves Touch N Tuff® Blue, Nitrile



Ansell

- Made from an innovative nitrile compound which offers outstanding chemical and mechanical properties, comfort and dexterity.
- Three times the puncture resistance of latex or PVC disposable. Lighter and cooler, yet safer and more durable.
- 100% nitrile; no waxes, silicone or plasticizers.
- Powder-free. No risk of contaminating food with corn starch used to powder gloves.
- Textured finish on fingertips. Improved grip.
- Rolled cuff. Provides added protection at wrist and ensures a secure fit.
- AQL 1.5 (EN374)
- **Cat. III Low Chemical resistant.**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Size	Length mm	PK	Cat. No.
S	240	100	6.090 788
M	240	100	6.090 366
L	240	100	6.091 887
XL	240	100	6.304 322
S	300	100	6.231 797
M	300	100	6.233 417
L	300	100	6.234 173
XL	300	100	9.005 404

3



4



1



1 2 Disposable Gloves Kimtech™ Sterling™, Nitrile

Kimberly-Clark



- Synthetic nitrile polymer
- Contains no natural rubber latex
- Powder free
- Beaded cuff
- Textured fingertip for more sensitivity
- Ambidextrous
- Certificate of Analysis available online
- Meets AQL level of 0.65 for pinholes
- Smallest thickness 0.07mm
- **Cat. III Low Chemical resistant.**

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling.

2



Size	Length mm	PK	Cat. No.
XS (5-6)	240	150	9.005 275
S (6-7)	240	150	9.005 276
M (7-8)	240	150	9.005 277
L (8-9)	250	150	9.005 278
XL (9-10)	250	140	9.005 279

3



3 4 Disposable Gloves Kimtech™ Purple Nitrile™

Kimberly-Clark



Offering the highest protection of all Kimtech™ gloves, Purple Nitrile™ gloves are latex-, silicone- and powder-free.

- Contains no natural rubber latex
- Textured fingertip, enhances wet and dry grip
- Powder-free
- Beaded cuff, for added strength and ease in donning
- Unique purple colour provides quick visual differentiation
- Ambidextrous
- Virus Protection
- AQL 0.65
- **Cat. III Low Chemical resistant**

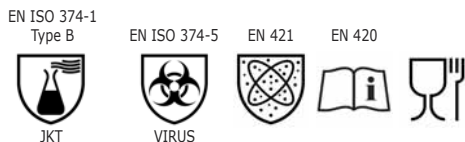
According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling.

4



Size	Length mm	PK	Cat. No.
XS (5 to 6)	240	100	9.005 420
S (6 to 7)	240	100	9.005 421
M (7 to 8)	240	100	9.005 422
L (8 to 9)	250	100	9.005 423
XL (9 to 10)	250	90	9.005 424

1 2 Disposable Gloves Kimtech™ Purple Nitrile™ Xtra™



Kimberly-Clark

Disposable protective glove in nitrile with enhanced comfort in use and greater chemical protection

- Latex-, silicone- and powder-free
- Ambidextrous
- Beaded cuffs, extralong
- Textured fingertips for very good grip
- Excellent fit
- AQL 0.65
- Smallest thickness 0.11 mm
- **Cat III**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420 Suitable for food handling.

Size	Length mm	PK	Cat. No.
XS (5 - 6)	300	50	6.280 034
S (6 - 7)	300	50	6.280 035
M (7 - 8)	300	50	6.280 036
L (8 - 9)	300	50	6.280 037
XL (9 - 10)	300	50	6.280 038



3 4 Disposable Gloves Kimtech™ Green Nitrile



Kimberly-Clark

These thin nitrile gloves are durable, comfortable to wear and offer an excellent protection against chemical splashes, viruses and microorganisms hazards.

- Latex-, silicone- and powder-free
- Ambidextrous
- Beaded cuffs
- Textured fingertips for very good grip
- Excellent fit
- AQL 0.65
- Smallest thickness 0.06 mm
- **Cat. III low chemical resistant.**

According to EN ISO 374-1:2016/Type C, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Size	Length mm	PK	Cat. No.
XS (5-6)	240	250	9.005 176
S (6-7)	240	250	7.970 224
M (7-8)	240	250	7.970 225
L (8-9)	250	250	7.970 226
XL (9-10)	250	225	9.005 177



1



1 2 Disposable gloves, Semperguard® Green, Nitrile

NEW
Semperit

EN ISO 374-1
Type B



KPT

EN ISO 374-5



VIRUS

EN 420



- Skin-friendly
- Powder free
- Non-sterile
- Flat with rolled edge
- Textured fingertips for more grip
- Easy to tighten thanks to special inner coating
- AQL 1.5
- **Cat. III low chemical resistant**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling.

2



Colour: Mint green
Thickness (measured in double layer): 0.12 mm

Size	Length mm	PK	Cat. No.
XS	240	200	6.292 175
S	240	200	6.292 176
M	240	200	6.292 177
L	240	200	6.292 178
XL	240	200	6.291 829

3



3 4 General disposable gloves MICROFLEX® 93-852, nitrile

NEW
Ansell

EN ISO 374-1
Type B



JKT

EN ISO 374-5



VIRUS

EN 420



The black gloves form a high-contrast background for recognizing brighter materials. The fully textured structure without foam cushioning allows a firm wet grip.

- Non-foaming
- Latex-free
- Powder-free
- With rolled edge
- Food-safe
- EN 455 part 1-4, AQL 1.5
- ISO 13485:2003
- **Cat. III low chemical resistant**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 420 Suitable for food handling.

4



Colour: Black
Thickness (measured in double layer): 0.12 mm

Size	Length mm	PK	Cat. No.
XS (5.5 - 6)	245	1000	6.311 698
S (6.5 - 7)	245	1000	6.311 699
M (7.5 - 8)	245	1000	4.665 733
L (8.5 - 9)	245	1000	6.273 713
XL (9.5 - 10)	245	1000	6.311 700

1 2 Disposable Gloves Microflex® 93-850, Neoprene



Ansell

- Ultimate barrier significantly reduces risk of harmful exposures and rip-tear
- 2X more chemical splash protection than leading brands* due to breakthrough polymer bonding technique**
- Exceeds every known standard for barrier quality and consistency (Low 0.40 AQL)
- Made with TNT™ Chemical Splash Resistance Technology, for soft durable protection against a wide range of chemicals
- Silicone-free formulation for product protection
- EN Norm: ISO 374-1:2016/Typ B, ISO 374-5:2016, EN 421:2010

*Based on EN 374 and ASTM F739 chemical permeation test data, when compared to performance of disposable nitrile gloves of a similar weight.

**Patent pending polymer bonding technique show less

Size	Length mm	PK	Cat. No.
5.5 - 6	240	1000	4.662 112
6.5 - 7	240	1000	4.662 113
7.5 - 8	240	1000	4.662 114
8.5 - 9	240	1000	4.662 115
9.5 - 10	240	1000	4.662 116
10.5 - 11	240	1000	4.662 117

1



2



3 4 Disposable Gloves Microflex® 93-260, Neoprene



Ansell

- Particularly thin disposable Gloves.
- Tough chemical protection unparalleled comfort.
- Three layer design for superior protection against harsh chemicals, including acids, solvents and bases.
- Thin mil construction provides enhanced tactility and dexterity.
- Extra soft material and ergonomic design for outstanding fit, feel and flexibility for longer wear time.
- Lower acceptable pinhole rate (0.65 AQL) and extended cuff for reliable protection against hazardous substances.
- Thickness 0.20 mm
- Silicone free formulation and processing ensure better product protection. **Cat. III**

According to EN ISO 374-1:2016/Type A, EN ISO 374-5:2016, EN 421, EN 388

3



4



Size	Length mm	PK	Cat. No.
XS	300	50	6.285 431
S	300	50	6.285 432
M	300	50	6.285 433
L	300	50	6.285 434
XL	300	50	6.285 435
XXL	300	50	6.285 436

1

2


1 2 Disposable Gloves NeoTouch®, Neoprene

Ansell

 EN ISO 374-1
Type B


KPT

EN ISO 374-5



VIRUS

EN 421



EN 420



- With a latex-free formulation, NeoTouch® gloves are appropriate for the prevention of Type I allergies. Because they're powder-free, they also limit the risk of dermatitis for the wearer.
- They provide excellent resistance to acids, bases and alcohols. Thanks to an exclusive formulation, NeoTouch® gloves are convincingly the most comfortable synthetic single-use gloves available today.
- NeoTouch® gloves have a polyurethane inner-coating that ensures easy donning. Their textured fingertips provide a secure grip in both dry and wet conditions. The beaded cuff ensures a secure hold, and their green colour makes them easy to identify.
- NeoTouch® gloves are inspected to an AQL of 1.5 for pinholes, which matches the legal requirements for medical gloves.
- **Cat. III Low Chemical resistant.**

According to EN ISO 374-1:2016/Type B, EN ISO 374-5:2016, EN 421, EN 420

Size	Length mm	PK	Cat. No.
S	240	100	6.229 608
M	240	100	6.229 607
L	240	100	6.229 606
XL	240	100	6.239 416
S	280	100	6.237 656
M	280	100	7.619 653
L	280	100	6.230 923
XL	280	100	6.237 684

3 LLG-Glove Dispenser, Coated Wire

Dispenser for 3 boxes (pict. 1), with top (left illustr.) or front insert (right illustr.). Mounting material included. Dispenser for 1 box, with top or side slot. Mounting material included.

For	Description	Width mm	Depth mm	Height mm	PK	Cat. No.
3 Boxes, 250 x 80 mm	front insert	260	90	440	1	9.405 369
3 Boxes, 255 x 85 mm	top insert	265	95	400	1	9.405 370
1 Box, 72 mm depth	top/side insert	180	85	140	1	9.405 371 4
1 Box, 135 x 85 mm	side insert	265	100	155	1	9.405 372 5

3

4


9.405 371

5


9.405 372

LLG-Glove dispenser for 1 or 3 boxes, acrylic glass

LLG glove dispensers are suitable for glove packs with the dimensions approx. 240 x 75 x 125 mm, with front insert or side slot. High-quality, sturdy design. Mounting material included.

Description	For	Width mm	Depth mm	Height mm	PK	Cat. No.
side slot, sturdy material	1 Box	250	85	136	1	6.286 594 1
front insert, flexible material	3 Boxen	260	90	405	1	9.405 373 2
side slot, sturdy material	3 Boxen	280	87	460	1	9.405 374 3



6.286 594



9.405 373



9.405 374

Glove Dispenser Box, Stainless Steel

18/8-9 stainless steel, for wall mounting, incl. screws and wall plugs, suitable for 1 dispensing box or suitable for 3 dispensing boxes.

For	Width mm	Depth mm	Height mm	Weight g	PK	Cat. No.
250 x 80 x 135	250	80	135	730	1	6.232 327 4
258 x 96 x 392	258	96	392	1550	1	6.228 502 5



6.232 327



6.228 502

6 Glove Dispenser, PS, Stainless Steel, Anti-Microbial

Ideal for use in cleanroom, hospitals, and microbiological work areas. MICROBAN® additive prevents growth of moulds and bacteria. High impact, durable resin is resistant to harsh cleaning solutions. The versatile glove box holder can accommodate single box or adjoined together to hold multiple boxes. Modular design allows stacking horizontally. Screws and anchors provided.

Heathrow Scientific



Width mm	Depth mm	Height mm	PK	Cat. No.
254	156	97	1	9.005 427

Code letters of chemicals

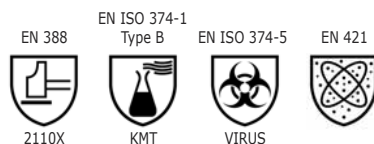
Code letter	Test chemical	Substance class
A	Methanol	Primary alcohol
B	Acetone	Ketone
C	Acetonitrile	Nitrile
D	Dichloromethane	Chlorinated paraffin
E	Carbon disulphide	Organic compound containing sulphur
F	Toluene	Aromatic hydrocarbon
G	Diethylamine	Amine
H	Tetrahydrofuran	Heterocyclic or ether compounds
I	Ethyl acetate	Ester
J	n-Heptane	Aliphatic hydrocarbon
K	Sodium hydroxide, 40%	Inorganic base
L	Sulphuric acid, 96%	Inorganic mineral acid, oxidizing
M	Nitric acid 65%	Inorganic mineral acid, oxidizing
N	Acetic acid 99%	Organic acid
O	Ammonium hydroxide 25%	Organic base
P	Hydrogen peroxide 30%	Peroxide
S	Hydrofluoric acid 40%	Inorganic mineral acid
T	Formaldehyde 37%	Aldehyde

It is essential that the manufacturer's information be studied or the manufacturer consulted directly if appropriate with regard to whether the glove affords protection against the agent, and if so, for what duration.

1

1 Chemical Protection Glove Alto 405, Neoprene/Latex

MAPA



Flexible safety glove made of natural latex and neoprene offering tactile sensitivity and light chemical protection. Anatomical shape. Better grip due to embossed texture. Good dexterity. 1 pair per pack.

Length: 330 mm
 Thickness: 0.7 mm
 Colour: Yellow/Blue
 CE: **Cat. III**

Size	PK	Cat. No.
S (7)	1	9.005 308
M (8)	1	9.005 309
L (9)	1	9.005 310
XL (10)	1	9.005 311

1 Latex gloves Pro-Fit 6240, super blue



- Super Blue Chemical resistant gloves
- Back and cuff with latex coating
- Cotton jersey lining
- Palm and back of the hand has a roughened surface
- Comfortable to wear, secure grip in humid conditions and handling of slippery objects
- Good abrasion and tear protection for a long service life
- Optimal touch, seamless grip surface
- Good cold and heat insulation
- Anatomical fit
- Food contact approved
- Liquid-tight

1 pair per pack . **Cat. III**

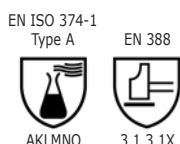
According to EN ISO 374-1:2016/Type A, EN ISO 374-5:2016, EN 420 Suitable for food handling.

Length: approx. 300mm
Thickness: approx. 1.25mm



Size	PK	Cat. No.
7	1	6.268 358
8	1	6.268 359
9	1	6.268 360
10	1	6.268 361

2 Chemical Protection Glove uvex profapren CF 33, Chloroprene/Latex



uvex

High-quality unsupported chloroprene safety glove for protection against a broad spectrum of chemicals. The silicone-free safety glove has excellent properties for protection against chemical and mechanical risks. 1 pair per pack.

Characteristics:

- good combination of flexibility and strength
- resistant to many chemicals and solvents

Applications: chemical industry, metal processing (cleaning), painting/coating, **Cat. III**

According to EN ISO 374-1:2016/Type A, EN 388

Length: 330 mm
Thickness: 0.75 mm
Colour: dark blue

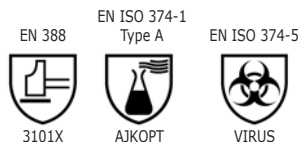


Size	PK	Cat. No.
7	10	6.291 290
8	10	6.291 291
9	10	6.291 292
10	10	6.291 293
11	10	7.646 897

1


1 Chemical Protection Glove Ultranitrile 492, Nitrile

MAPA



Green nitrile glove with cotton flock liner. Anatomical shape. Good grip finish on palm and fingers. High mechanical resistance. Excellent chemical protection against alcohols, oils, greases and hydrocarbons. Thin material for increased dexterity. Comfort, due to the quality of the flock-lining. **Cat. III**
Packing with 1 pair.

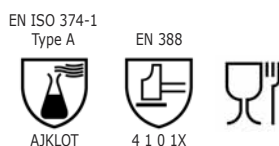
Length: 320mm
Thickness: 0.38mm
Colour: green
CE: **Cat. III**

Size	PK	Cat. No.
XS (6)	1	6.224 148
S (7)	1	9.005 170
M (8)	1	9.005 180
L (9)	1	9.005 190
XL (10)	1	9.005 200

2


2 Chemical Protection Glove uvex profastrong NF33, Nitrile

UVEX



Nitrile safety gloves, proven in environments involving exposure to acids, grease and solvents. Non-sterile EN 374, 388. Packaging with 12 pairs. **Cat. III**

Characteristics

- outstanding abrasion resistance
- good grip for wet surfaces
- anatomic shape
- good dexterity

Applications

- laboratories
- food industry
- chemical industry

According to EN ISO 374-1:2016/Type A, EN 388, EN 420 Suitable for food handling.

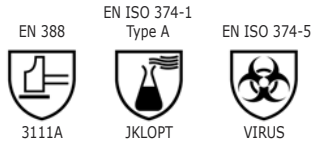
Colour: green
Length: approx. 330 mm
Thickness: approx. 0.38 mm

Size	PK	Cat. No.
7	12	9.414 605
8	12	6.241 238
9	12	9.414 606
10	12	9.414 607



1 Chemical Protection Glove Ultranitril 381, Nitrile

1



MAPA



Chemical protective glove made of nitrile with glued cotton liner for long term comfort. Anatomic shape. Z-pattern-profile for safe grip of wet things. More dexterity due to the glued cotton knit lining, which offers excellent comfort and thermal insulation. Excellent resistance against oils, greases and many solvents. 1 pair per pack.

Length: 355 mm
 Thickness: 0.85 mm
 Colour: Green
 CE: **Cat. III**

Size	PK	Cat. No.
S (7)	1	9.005 206
M (8)	1	9.005 207
L (9)	1	9.005 208
XL (10)	1	9.005 209
XXL (11)	1	9.005 199

2 Chemical Protection Gloves uvex rubiflex S, NBR

2



uvex



The comfortable NBR safety gloves, seamlessly coated in a reinforced design, with excellent chemical resistance and outstanding abrasion resistance. 1 pair per pack.

- Characteristics:
- anatomic shape
 - highly flexible
 - very good mechanical characteristics
 - excellent resistance to many chemicals, acids, alkalis, mineral oils and solvents, **Cat. III**
 - good water vapour absorption due to the cotton lining

Applications: chemical industry, automotive industry, metal processing industry, mechanical industry, sandblasting

According to EN ISO 374-1:2016/Type A, EN 388, EN 420 Suitable for food handling.

Thickness: 0.50 mm
 Colour: green

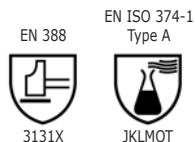
Type	Size	Length mm	PK	Cat. No.
Rubiflex S	8	350	1	9.414 608
Rubiflex S	9	350	1	9.414 609
Rubiflex S	10	350	1	9.414 610
Rubiflex S	11	350	1	9.414 611
Rubiflex S	8	400	1	6.231 389
Rubiflex S	9	400	1	6.231 425
Rubiflex S	10	400	1	6.231 447
Rubiflex S long	9	600	1	6.301 526
Rubiflex S long	10	600	1	9.414 612
Rubiflex S long	11	600	1	9.414 613

1

1 Chemical Protection Glove uvex u-chem 3200, NBR

NEW

uvex



- Good mechanical properties
- Excellent fit
- Good resistance to many chemicals
- Very good grip in wet and oily conditions
- Extremely high flexibility
- Box with 10 pairs

According to EN ISO 374-1:2016/Type A, EN 388

Material: NBR (nitrile butadiene rubber)
 Colour: petrol blue/black
 Length: 350 mm

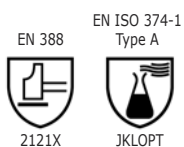
Size	PK	Cat. No.
7	10	4.672 695
8	10	4.672 696
9	10	4.672 697
10	10	4.672 698
11	10	4.672 699

2

2 Chemical Protection Glove uvex u-chem 3300, NBR

NEW

uvex



- Good mechanical properties
- Excellent fit
- Good resistance to many chemicals
- Very good grip in wet and oily conditions
- Extremely high flexibility
- Box with 10 pairs

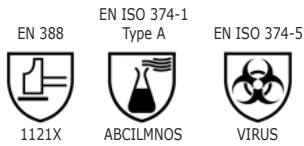
According to EN ISO 374-1:2016/Type A, EN 388

Material: Bamboo-rayon/Nylon
 Coating: NBR (nitrile butadiene rubber)
 Colour: blue
 Length: 320 mm

Size	PK	Cat. No.
7	10	4.675 043
8	10	4.672 693
9	10	4.675 044
10	10	4.672 694
11	10	4.675 045

1 Chemical Protection Glove Butoflex 650

1



MAPA

The only Butyl glove on the market with an exclusive embossed exterior finish, meaning slippery objects can be handled without risk.

- Exceptional comfort; the first butyl glove on the market with a fabric inner lining
- Ultimate specific chemical resistance, for very corrosive acids, ketones, esters and amine derivatives
- Unrivalled flexibility and dexterity

1 pair per pack.

Length: 350 mm
 Thickness: 1.5 mm
 Colour: black
 EN: 374/388, **Cat. III**

Size	PK	Cat. No.
7	1	6.255 225
8	1	6.241 351
9	1	6.285 462
10	1	6.285 460
11	1	6.285 461



2 Undergloves, Cotton

2

100% Cotton. Monofilament, ideal to wear under chemical protection gloves. 1 pair per pack. **Cat. I**

Size	Length mm	PK	Cat. No.
6	250	1	6.235 155
7	250	1	7.623 809
8	250	1	9.005 222
9	250	1	7.625 555
10	250	1	7.623 881
11	250	1	7.623 810
12	250	1	9.005 223
13	250	1	6.224 187



3 Cut-Protection Gloves uvex C500 dry

3



uvex

- Palm with micro-nubs, for dry working areas
- Patented uvex Profas Bamboo TwinFlex® technology
- innovative SoftGrip coating
- very high cut protection (level 5)
- highest wearing comfort due to uvex climazone
- outstanding tactile feel
- high abrasion-resistance
- flexible
- silicone-free according to imprint test
- 1 pair per pack

Length: 270mm
 Colour: lime/anthracite
 EN: 388 (XX4XC)

Size	PK	Cat. No.
7	1	9.414 650
8	1	9.414 651
9	1	9.414 652
10	1	9.414 653
11	1	9.414 654



2. Occupational safety, Security Gloves/Cut resistant gloves-Temperature protective gloves

1



1 Cut-Protection Gloves uvex C500 foam

NEW

uvex

EN 388

EN 407



4X42C

X1XXXX

- Palm and fingertips coated with soft-grip foam, moisture-repellent
- Patented uvex Profas Bamboo TwinFlex® technology
- innovative SoftGrip coating
- very high cut protection (level 5)
- Analog EN 407 suitable for contact heat up to +100 °C
- highest wearing comfort due to uvex climazone
- outstanding tactile feel
- high abrasion-resistance
- flexible
- silicone-free according to imprint test
- 1 pair per pack.

Length: 270mm
 Colour: lime/anthracite
 EN: 388 (4 X 4 2 C), EN 407 (X 1 X X X X)

Size	PK	Cat. No.
7	1	9.414 655
8	1	9.414 656
9	1	9.414 657
10	1	9.414 658
11	1	9.414 659

2



2 Thermal protection glove TempDex 710 up to 125 °C

MAPA

EN 388

EN 407



4111X

X1XXXX

- Thin, anatomically-shaped glove ensures dexterity
- Excellent abrasion resistance: longer lasting
- Dot embossing for better insulation and better grip
- **Cat. II**

Size	Length mm	PK	Cat. No.
7	240	10	6.285 464
9	260	10	6.285 465
11	280	10	6.285 463

3



3 Thermal protection glove TempDex 720

NEW

MAPA

EN 388

EN 407



4343B

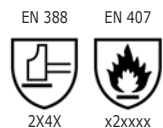
X2XXXX

- Thin, anatomically-shaped glove ensures dexterity
- Guaranteed without silicone
- Excellent abrasion resistance: longer lasting
- Dot embossing for better insulation and better grip
- Knitted wrist
- orange

Size	Length mm	PK	Cat. No.
7	240	1	6.311 086
8	260	1	4.674 936
9	280	1	6.311 087

1 Safety Gloves, Heat Protection, up to 232 °C

1



Heathrow Scientific



Durable Safety Gloves made of 100% knitted cotton terry cloth.

- Heat resistant when dry
- Good abrasion resistance
- Designed with a straight thumb
- Gauntlets provide extra safety for wrist and forearm protection
- One size fits all
- Washable

Length: 480 mm
 Palm width: 135 mm
 Colour: natural
 EN: EN388:2003 2X4X, EN407:2004 X2XXXX

Size	PK	Cat. No.
One size	1	4.664 781

2 Safety Gloves Clavies®, Heat Protection up to 232°C

2

Soft, pliant, all-cotton terry cloth gloves are superb for handling hot objects out of the autoclave or oven, or for other heat protection in the lab, school or industry. Note: Gloves are not waterproof and should not be used to handle dry ice. CE approved.

Bel-Art Products



Length gauntlet mm	Overall length mm	PK	Cat. No.
130	330	1	9.005 271
280	470	1	9.005 272

3 Safety Gloves Nomex®, Heat Protection up to 250 °C

3

EN 420



Very supple, offering excellent movement. Knitted construction, without seams. Temperature resistant up to 250 °C. 1 pair per pack. **Cat. II**



Description	Size	PK	Cat. No.
Gloves, standard	7 - 8	1	7.656 103
Gloves, standard	9 - 10	1	9.005 250
Gloves with forearm protection	9 - 10	1	9.005 260

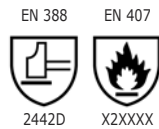


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1

Safety Gloves uvex k-basic extra 6658, Cut and Heat-Protection up to +250°C

uvex



This coarse-knitted glove made of 100% Kevlar® is lined with cotton, making it ideal for protecting the wearer against heat and cuts.

The combination of Kevlar® and cotton guarantees good heat insulation and enables the handling of objects up to +250 °C without losing anything in terms of cut resistance. 1 pair per pack.

Characteristics:

- Very good protection against cut injuries
- Additional cotton cladding
- Comfortable to wear

Applications: metal processing, automotive industry, glass industry, foundries

Length: 220mm to 270mm
 Colour: yellow
 EN: 388 (2 4 4 2 D), EN 407 (X 2 X X X X)

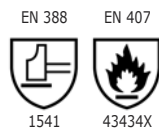
Size	PK	Cat. No.
8	1	9.414 660
10	1	9.414 661
12	1	9.414 662

2

2

Safety Gloves, Heat Protection up to 500 °C

Jutec



- 5-finger glove
- Protection against contact heat short term up to 500 °C
- Made of aramide fabric with special insulation
- Usable on both sides
- Abrasion resistant

Length: 400mm
 EN: 388, 407

Description	PK	Cat. No.
Heat Protection, 5 finger	1	9.006 893

3

3

Hand Protectors Hot Hand®

Bel-Art Products

Made of thick-walled silicone.

Safe, non-slip protection against very hot or cold surfaces.

Measures 10 x 19 cm with durable silicone rubber construction that remains flexible from -57 °C to +260 °C.

End pockets accept thumb and fingers to grasp objects.

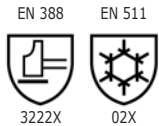
Mitts have multiple studs with concave tips thus providing secure grip on virtually all hot/cold surfaces.

Type	PK	Cat. No.
Hot Hand®	1	9.119 900

1 Cold-resistant gloves TempIce 700



1



Thermal protection gloves

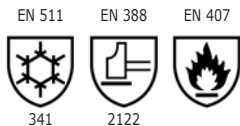
- Flexible, knitted cuffs
- Special Grip & Proof nitrile coating
- Cold protection down to -10 °C
- Comfortable to wear, dexterity and flexibility
- Color: blue/black

Size	Length mm	PK	Cat. No.
7	240	1	4.674 933
9	260	1	4.674 934
10	280	1	4.674 935



2 Protection Gloves CRYOLITE

2



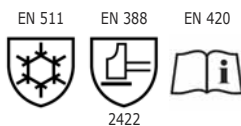
CRYOLITE is a fully waterproof glove to protect the hand and forearm in operations that involve the use of liquid nitrogen (or other cryogenic gases) and heat. Made by materials specifically designated for this application, it keeps the hands warm and dry for long periods of use. Tested, with success, by contact with liquid nitrogen (-195.82 °C) for one minute and following test of flexibility (RCT method). Suitable for contact with Liquid Oxygen (Oxygen Index O.I. 25.4 external layer - Test Report 166/2016 Dipartimento di Ingegneria Padova). The multilayered construction allows a high level of thermal protection, flexibility and dexterity from -200 °C to 250 °C.
Cat. III

Size	PK	Cat. No.
8	1	6.291 647
9	1	6.291 648
10	1	6.291 649
11	1	6.291 650



3 Cryo Protection Gloves CRYOKIT 400, CRYOKIT 550

3



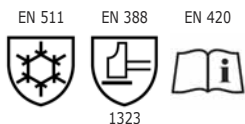
Suitable for all work with liquid nitrogen and other cryogenic gases up to approx. minus 196 °C. Protects against cold and contact burns in case of leakage of liquid gas. The waterproof glove is made of a special elastic and laminated fabric. Interior insulation: polyester multi-layer fabric (410 g/m²) and polyolefin porelle membrane. According to normative EN 511, EN 420, EN 388, Cat III. Warning: Not intended for immersion in liquid nitrogen or other liquid cryogens.
1 pair per pack

Type	Size	Length mm	PK	Cat. No.
Cryokit400	7	400	1	6.270 632
Cryokit400	8	400	1	6.270 633
Cryokit400	9	400	1	6.270 634
Cryokit400	10	400	1	6.270 635
Cryokit400	11	400	1	6.270 636
Cryokit550	8	550	1	6.270 637
Cryokit550	9	550	1	6.270 638
Cryokit550	10	550	1	6.270 639
Cryokit550	11	550	1	6.270 640



Cryokit 400

1 Protection Gloves Cryo Gloves® Standard/Waterproof



Developed to provide protection while working in very cold environments or handling ultra-cold objects and media (in the range of -160 °C). Especially for secure handling of dry ice (-79 °C), sample handling (-86 °C/-152 °C) and handling ultra cold specimens - those stored in the vapour phase of liquid nitrogen. According to normative EN 511, EN 420, EN 388, **CAT. III**

CAUTION: Not intended for immersion in liquid nitrogen or other liquid cryogens.

Cryo Gloves Waterproof :

Additional seamless PTFE inner glove; unsurpassed protection against the danger of a longer stay in ultra-low temperatures down to -160 °C .

1 pair per pack.

Type	Description	Size	PK	Cat. No.
Standard	wrist length	S (8)	1	9.405 116
Standard	wrist length	M (9)	1	9.405 117
Standard	wrist length	L (10)	1	9.405 118
Standard	wrist length	XL (11)	1	9.405 119
Standard	forearm length	S (8)	1	9.405 120
Standard	forearm length	M (9)	1	9.005 446
Standard	forearm length	L (10)	1	9.005 447
Standard	forearm length	XL (11)	1	9.405 121
Standard	elbow length	M (9)	1	9.005 451
Standard	elbow length	L (10)	1	9.005 452
Standard	elbow length	XL (11)	1	9.405 122
Standard	shoulder length	M (9)	1	9.405 123
Standard	shoulder length	L (10)	1	9.405 124
Standard	shoulder length	XL (11)	1	9.405 125
Waterproof	wrist length	S (8)	1	9.405 126
Waterproof	wrist length	M (9)	1	9.405 127
Waterproof	wrist length	L (10)	1	9.405 128
Waterproof	wrist length	XL (11)	1	9.405 129
Waterproof	forearm length	S (8)	1	9.405 130
Waterproof	forearm length	M (9)	1	9.405 131
Waterproof	forearm length	L (10)	1	9.405 132
Waterproof	forearm length	XL (11)	1	9.405 133
Waterproof	elbow length	M (9)	1	9.405 134
Waterproof	elbow length	L (10)	1	9.405 135
Waterproof	elbow length	XL (11)	1	9.405 136
Waterproof	shoulder length	M (9)	1	9.405 137
Waterproof	shoulder length	L (10)	1	9.405 138
Waterproof	shoulder length	XL (11)	1	9.405 139

1





1 Cryo-Temperature Protection Kit CRYO-TEMP-SHIELD®

Consisting of:

- 1 pair Cryo Gloves® Standard, size: optional, **see table**
- 1 x face protection shield with adjustable head mounting
- 2 x safety labels, 300 mm diameter, entitled "Face protection" and "Wear gloves"
- 1 x protection apron, Cryo Apron®, width: 610 mm, length: 1070 mm

Type	Type	Size	PK	Cat. No.
1001-S	Gloves forearm length	S (8)	1	9.405 140
1001-M	Gloves forearm length	M (9)	1	9.405 141
1001-L	Gloves forearm length	L (10)	1	9.405 142
1001-XL	Gloves forearm length	XL (11)	1	9.405 143
1102-M	Gloves elbow length	M (9)	1	9.405 144
1102-L	Gloves elbow length	L (10)	1	9.405 145
1102-XL	Gloves elbow length	XL (11)	1	9.405 146
1103-M	Gloves shoulder length	M (9)	1	9.405 147
1103-L	Gloves shoulder length	L (10)	1	9.405 148
1103-XL	Gloves shoulder length	XL (11)	1	9.405 149

2



2 Skin Protection Cream LINDESA® PROFESSIONAL with Beeswax

Non-greasy, quickly absorbed. The cream strengthens the defensive functions of the skin, preventing skin damage from external pollution and soothes irritation. Smooths and cleans without leaving a residue. LINDESA® PROFESSIONAL gives the skin elasticity and suppleness through its special caring agents. The sense of touch is not affected.

Peter Greven

For low levels of soiling it provides protection against weak acids, alkalis and organic substances.

Description	PK	Cat. No.
50 ml	1	9.191 159
100 ml	1	9.191 161
50 ml	10	4.665 408
100 ml	10	4.665 407
100 ml, unperfumed *	1	9.191 162

* LINDESA® PURE PROFESSIONAL

3



3 Skin Protection Cream LINDESA® O PROFESSIONAL with Beeswax

Moderately greasy. Particularly suitable for protecting the skin against varnishes, oils, petroleum spirit, resins, dyes, paints etc. as well as for after-work care for dry skin.

Peter Greven

Capacity ml	PK	Cat. No.
100	1	9.191 148

4



4 Skin Protection Cream LINDESA® K PROFESSIONAL with Beeswax and Chamomile

Quickly absorbed. The cream strengthens the defensive functions of the skin, preventing skin damage from external pollution and soothes irritation. Smooths and cleans without leaving a residue. Using LINDESA® K PROFESSIONAL avoids greasy smears on surfaces and is therefore suitable for workers involved with enamelling, electronics production, or final inspection.

Peter Greven

Capacity ml	PK	Cat. No.
100	1	9.191 149

1 LLG-Laboratory coat, 100% cotton

- Very solid material, excellent wearing comfort
- Snap fasteners (press buttons); easy and quick to open
- With fold-down collar
- One outside breast pocket and two side pockets
- Washable up to 60°C
- Ladies coat with stitched-down back belt

Material: 100% cotton
 Colour: White
 Weight: 220 g/m²

Description	Size	PK	Cat. No.
Ladies coat	36/38	1	9.414 342
Ladies coat	40/42	1	9.414 343
Ladies coat	44/46	1	9.414 344
Mens coat	44/46	1	9.414 345
Mens coat	48	1	9.414 346
Mens coat	50	1	9.414 347
Mens coat	52	1	9.414 348
Mens coat	54	1	9.414 349
Mens coat	56	1	9.414 350

1



2 Ladies laboratory coat Type 81509, 100% cotton

With long sleeves and fitted waist. Reversible collar, concealed buttons with press buttons, 1 outside breast pocket left, 2 side pockets with diagonal access, straight sleeve seam with press buttons for width adjustment, Öko-Tex Standard 100.

uvex

Material: 100% cotton
 Colour: White
 Weight: approx. 210g/m²
 Length: approx. 105cm

Size	PK	Cat. No.
36	1	9.414 351
38	1	9.414 352
40	1	9.414 353
42	1	6.323 052
44	1	9.414 355
46	1	9.414 356
48	1	9.414 357

2



3 Mens laboratory coats Type 81996, 100% cotton

Reversible collar, concealed buttons, 1 outside breast pocket left, 1 inside breast pocket right, 2 side pockets with diagonal access with light grey piping, 2 short side slits, straight, untapered back, straight sleeve seam, Öko-Tex Standard 100

uvex

Material: 100% cotton
 Colour: White
 Weight: approx. 240g/m²
 Length: approx. 96cm

Size	PK	Cat. No.
44/46	1	9.414 371
48/50	1	9.414 373
52/54	1	9.414 375
56/58	1	9.414 377
60/62	1	9.414 379

3



1


1 Women and mens laboratory coats (Unisex) 1656

Made from 100% cotton. Offers good protection against minor spills and droplets of acids and other chemicals.

BP

- fold-down collar
- with press studs
- long sleeved
- two side pockets are provided
- one outer breast pocket
- without belt at the back

Material: Sanfor 100% cotton diagonal twill
 Colour: white
 Weight: approx. 205g/m²
 Length: approx. 103cm (Size L)

Size	PK	Cat. No.
XS	1	9.414 320
S	1	9.414 321
M	1	9.414 322
L	1	9.414 323
XL	1	9.414 324
XXL	1	9.414 325
XXXL	1	7.930 249

2


2 Women and mens laboratory coats 1654

BP

- stand-up collar
- with press studs
- long sleeved
- two side pockets are provided
- one outer breast pocket
- without belt at the back

Material: 100 % Cotton
 65% PES/35% Cotton
 Colour: white
 Weight: approx. 205 g/m²
 approx. 215g/m²
 Length: approx. 103cm

Size	Material	PK	Cat. No.
XS	100% cotton	1	6.272 965
S	100% cotton	1	6.289 933
M	100% cotton	1	6.289 934
L	100% cotton	1	6.289 935
XL	100% cotton	1	6.272 966
XS	65% PES / 35% Cotton	1	9.414 326
S	65% PES / 35% Cotton	1	9.414 327
M	65% PES / 35% Cotton	1	9.414 328
L	65% PES / 35% Cotton	1	9.414 329
XL	65% PES / 35% Cotton	1	9.414 330
XXL	65% PES / 35% Cotton	1	9.414 331



1 LLG-Disposable Visitor Gowns, PP

White PP nonwoven 30 g/m², universal size with shirt collar and elastic at the wrists, latex-free, without pocket, 4 push buttons



Description	PK	Cat. No.
LLG-Visitors gown	50	6.282 796

2 Laboratory coat Kimtech™ A7 P+, PP

Kimberly-Clark

EN 1149



- Certified PPE Cat III acc. to directive 89/686/EEC
- Type 6 limited chemical splash protection
- Micro-organism protection tested
- EN1149-1:1995 Antistatic clothing
- High performance chemical resistant fabric
- Low lint fabric, Helmke Drum Category II
- 99% particle and bacterial filtration efficiency
- Individually packed, 15 p. in an outer package for ISO 7 Grade C areas
- Silicon-Free

- Abrasion-resistant film-coated polypropylene
- Mandarin collar
- Elastic cuff, thumb-loops and extra-length arms
- High strength triple stitched seams



Size	PK	Cat. No.
S	15	4.653 906
M	15	4.653 907
L	15	4.653 908
XL	15	4.653 909
XXL	15	4.653 910

3 Laboratory Coat Tyvek® 500, PL309

DuPont de Nemours

Protective coat DuPont™ Tyvek® PL309, size S - XXL, 2 pockets, with zipper, white, PE-Spunbond non-woven.

Tyvek® garments are composed of flash spun high density polyethylene, providing an ideal balance of protection, durability and comfort.

Tyvek® is permeable to both air and water vapour, yet repels water-based liquids and aerosols. It offers an excellent barrier against fine particles and fibres (down to 1 micron in size), is ultra-low-linting and antistatically treated. Silicon non-added.



Size	PK	Cat. No.
S	50	9.390 049
M	50	9.390 050
L	50	9.390 051
XL	50	9.390 052
XXL	50	9.390 053



1 LLG-Working and Chemical Protective Apron Guttasyn®, PVC/PE

Made from PVC with reverse side made of PE. Material thickness: 0.5mm. Side and neck ribbons made of woven plastic fabric and securely attached to the apron with welded PVC eyelets. Easy to clean, hygienic and dirt-repellent PVC surface. Liquids will not be absorbed but drain off the surface. Machine wash at 60 °C. Colour: white. Acc. to 89/686/EWG (Cat. III), EN 467 and EN 14605:2005.

Width mm	Length mm	PK	Cat. No.
800	1000	1	9.414 415
800	1200	1	9.414 417
1000	1200	1	9.414 419



2 Cryogenic Apron T-Cryo Light

Waterproof. Suitable for all laboratory applications using liquid nitrogen or other cryogenic gases. Made of a special, extra durable and coated composite fabric. Tested in contact with liquid nitrogen (-195.82 °C) for one minute and with subsequent flexibility test (RCT method). With adjustable clip closures. According to normative EN 511, EN 388, **CAT. III**

Width mm	Length mm	PK	Cat. No.
700	900	1	6.283 413
700	1100	1	4.668 440
700	1200	1	4.668 441
700	1350	1	4.668 442



3 Cryogenic Apron Cryo Apron®

The Cryo-Apron® provides a high-level of thermal protection to the operator's torso and upper legs against cryogenic splashes and ultra-cold vapour in harsh cryogenic atmospheres, typically whilst transferring cryogenics (in a range of minus 160°C). With adjustable straps at neck and waist. Also useable in cleanroom environments. According to normative EN 511, EN 420, EN 388, **CAT. III**

Width mm	Length mm	PK	Cat. No.
610	1070	1	6.228 898
610	1210	1	6.227 849

1 LLG-Disposable Protective Suits, PP

White PP non-woven 30 g/m², with hood and zipper, elastic band on the hood and on the wrists and ankles, latex-free

1



Size	PK	Cat. No.
L	10	6.282 791
XL	10	6.282 792
XXL	10	6.282 793

2 LLG-Overall tritex® pro White, Type 5/6, PP

Particle-tight, and to a limited extent, spray-tight chemical protective clothing.

The coverall made of 3-layer SMS material (spunbond-meltblown-spunbond) is robust and breathable. A meltblown filter membrane is embedded between two durable outer layers. Comfortable to wear, this coverall is a pleasant, protective companion in many work areas. Special features are the hood, the zipper cover strip, the back rubber element, and the arm and leg rubber elements.

- antistatic
- lint-free
- abrasion resistant
- breathable

Cat. III/CE 0624/Type 5/6

Coverall individually packed!

2



Size	PK	Cat. No.
M	5	6.266 640
L	5	6.266 641
XL	5	6.266 642
XXL	5	6.266 643
XXXL	5	6.266 644



1



1 Disposable Overall AlphaTec® 2000 STANDARD

AlphaTec® 2000 is designed to allow water vapour (perspiration) to escape from the suit yet will withstand saturation of liquid chemicals and filter 100% of particulates down to 0.01 microns in size*

Ansell

The use of a high quality two-way stretch microporous film provides an effective liquid and particle barrier combined with a high water vapour transmission rate from inside to outside.

- Excellent liquid penetration resistance and barrier to fine particulates
- Moisture vapour permeable ("breathable") to help reduce the risk of heat stress
- Silicone free
- Low linting
- Optimised body fit
- Anti-static - Tested according to EN 1149-5

*EMSL test method

Size	PK	Cat. No.
S	40	4.661 347
M	40	4.661 348
L	40	4.661 349
XL	40	4.661 350
2XL	40	4.661 351
3XL	40	4.661 352
4XL	40	4.661 353
5XL	40	4.661 354

2



2 Disposable Chemical Protection Coverall Tyvek® 500 Xpert, Type 5/6

DuPont™ Tyvek® 500 Xpert, model CHF5. Hooded coverall available in white, in sizes S to XXXL. Robust yet lightweight (<180g per garment). 3-piece hood for optimal fit to head and face when turning. Elasticated face, wrists and ankles as well as glued-in waist elastic. Wide crotch area for freedom of movement. Large, easy-to-grasp zipper puller.

DuPont de Nemours

Tyvek® garments are composed of flash spun, high density polyethylene, providing an ideal balance of protection, durability and comfort. Tyvek® is permeable to both air and water vapour, yet repels water-based liquids and aerosols. It offers an excellent barrier against fine particles and fibres (down to 1 micron in size), is ultra-low-linting and antistatically treated. Silicon non-added.

Applications for Tyvek® Classic Xpert garments include those found in pharmaceutical handling, chemical processing, the oil and gas industry, general maintenance and operations and many others.

- Chemical protective clothing, Category III, Type 5-B and 6-B
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on both sides
- Stitched external seams featuring patent-pending technology for enhanced liquid spray tightness
- Very low inward leakage thanks to optimised design
- Tyvek® auto-lock zipper and zipper flap for increased protection

Size	PK	Cat. No.
S	1	9.390 055
M	1	9.390 056
L	1	9.390 057
XL	1	9.390 058
XXL	1	9.390 059
XXXL	1	9.390 054

3



3 LLG-Disposable Bouffant Caps, PP

PP nonwoven 10 g/m², universal fit Ø 52 cm, with all-around elastic, latex-free

Colour	PK	Cat. No.
green	100	6.282 788
white	100	6.282 789
blue	100	6.282 790

1 Clip hood

- non-woven fabric
- soft quality with double-sheathed cotton elastic band
- gathered
- food-safe
- Packaging 10 x 100 pieces

Unigloves

Colour	Size	Diam. mm	PK	Cat. No.
white	medium	520	1000	4.665 805
blue	medium	520	1000	6.286 653



2 Protective Hood Tyvek® 500, PH30L

Protective hood DuPont™ Tyvek® 500, PH30LO, white, PE-Spunbond nonwoven.

DuPont de Nemours

Colour	PK	Cat. No.
white	100	9.390 013



3 Beard masks

- non-woven fabric
- non-irritating elastic bands
- food-safe
- 100 pieces per package
- 1.000 pieces per shipping unit

Unigloves

Description	Colour	PK	Cat. No.
Beard covers	white	1000	6.229 401



4 Beard Mask, White, PP, Detectable



This beard mask has a detectable strip on the inside. That's why it can be detected by a detector machine at any time—even if the beard mask gets into the production.

- air-permeable and breathable
- ideal for special hygienic-sensitive areas

Description	Colour	PK	Cat. No.
Beard mask, detectable	white	100	6.260 903



5 LLG-Disposable Protective Sleeves, PE

PE film with elastic, latex-free, length 40 cm

Colour	Thickness µm	PK	Cat. No.
blue	20	100	6.282 797
white	20	100	6.282 798
blue	40	100	6.282 799



6 Sleeve Guard Tyvek® 500

- 50 cm long sleeve, white and in one size.
- Adjustable arm opening.
- Stitched internal seams.
- Upper-arm in blue-coloured thread for identification purposes

DuPont de Nemours

Type	PK	Cat. No.
Sleeve guard Tyvek®, 50 cm	200	6.263 193



1



1 LLG-Disposable Shoe Covers, CPE

Blue embossed CPE film, 30 µm, with elastic, latex-free, universal size, length 41 cm

Type	PK	Cat. No.
LLG-Disposable Overshoes, CPE	100	6.282 795

2



2 LLG-Disposable Shoe Covers, PP, with CPE sole

White PP non-woven, 38 g/m² with blue, non-slip sole CPE, 38 µm, with elastic, latex-free, universal size, length 40 cm

Type	PK	Cat. No.
LLG-Disposable Overshoes, CPE sole	50	6.282 794

3



3 Overshoe dispenser HYGOMAT COMFORT/CLEANROOM

- no electrical power needed
- easy to use, no need for bending over
- easy and quick handling
- with handrail for extra comfort
- capacity: two packs of overshoes
- with window for easy control of rest capacity
- refilled with overshoes within seconds
- weight: 21 kg

Description	PK	Cat. No.
Overshoes dispenser HYGOMAT COMFORT, 740 x 300 x 730 mm	1	6.257 283
Overshoes dispenser HYGOMAT CLEANROOM, stainless steel, 740 x 300 x 730 mm	1	6.269 779

4



4 5 Overshoes for dispenser HYGOMAT

6257285:

- Polypropylene nonwoven, CPE coated, white
- Waterproof sole
- Very slip resistant
- Perfect for smooth surface

6257286:

- PP overshoe with CPE sole, blue
- Polypropylene nonwoven
- At the top nonwoven, at the bottom strong waterproof CPE sole
- Very tearproof and slip resistant

6257287:

- CPE (Cast Polyethylene), blue
- Strong quality, approx. 60 micron
- Light protection against liquids

6257288:

- Polypropylene nonwoven, blue
- At the bottom structure made of CPE
- Permeable to air and light slip resistant
- For dry areas

Mensch

5



Length mm	PK	Cat. No.
440	80	6.257 285
440	70	6.257 286
470	110	6.257 287
460	100	6.257 288

2. Occupational safety, Security Identification of hazards/Safety signs-First-aid/Eye wash bottles

1 2 3 4 LLG-GHS Warning Labels, Self-Adhesive, Roll in Dispenser Box

Dispenser box of 250 labels. These labels are produced using an extremely resistant 100µm PE film. Due to their special surface coating they are resistant to most solvents and excellent for indoor or outdoor use. The strong adhesive, although permanent, can be removed from glass containers without leaving any trace.

Trilingual signal word: German, English, French.

Available in 2 sizes.

Type	Description	Label	Dimensions mm	PK	Cat. No.
GHS 01	warning	exploding bomb	26 x 37	250	9.105 700
GHS 01	danger	exploding bomb	26 x 37	250	9.105 701
GHS 02	warning	flame	26 x 37	250	9.105 702
GHS 02	danger	flame	26 x 37	250	9.105 703
GHS 03	warning	flame over circle	26 x 37	250	9.105 704
GHS 03	danger	flame over circle	26 x 37	250	9.105 705
GHS 04	warning	gas cylinder	26 x 37	250	9.105 706
GHS 05	warning	corrosive	26 x 37	250	9.105 707
GHS 05	danger	corrosive	26 x 37	250	9.105 708
GHS 06	danger	skull and crossbones	26 x 37	250	9.105 709
GHS 07	warning	exclamation mark	26 x 37	250	9.105 710
GHS 08	warning	health hazard	26 x 37	250	9.105 711
GHS 08	danger	health hazard	26 x 37	250	9.105 712
GHS 09	warning	environment	26 x 37	250	9.105 713
GHS 01	warning	exploding bomb	37 x 52	250	9.105 720
GHS 01	danger	exploding bomb	37 x 52	250	9.105 721
GHS 02	warning	flame	37 x 52	250	9.105 722
GHS 02	danger	flame	37 x 52	250	9.105 723
GHS 03	warning	flame over circle	37 x 52	250	9.105 724
GHS 03	danger	flame over circle	37 x 52	250	9.105 725
GHS 04	warning	gas cylinder	37 x 52	250	9.105 726
GHS 05	warning	corrosive	37 x 52	250	9.105 727
GHS 05	danger	corrosive	37 x 52	250	9.105 728
GHS 06	danger	skull and crossbones	37 x 52	250	9.105 729
GHS 07	warning	exclamation mark	37 x 52	250	9.105 730
GHS 08	warning	health hazard	37 x 52	250	9.105 731
GHS 08	danger	health hazard	37 x 52	250	9.105 732
GHS 09	warning	environment	37 x 52	250	9.105 733



5 LLG-Labels with "Biohazard" Symbol

Ø 9.5mm. Self-adhesive. Printing protected. For labeling of 0.5 to 2.0ml microtubes that contains potentially hazardous substances. The labels have excellent heat resistance, chemical resistance and UV resistance and a very good adhesion to various materials, even on rough or non-polar surfaces such as on plastics with low surface energy. The material is UL certified. (File MH26760).

1000 labels per roll, in dispensing box.

Description	PK	Cat. No.
"biohazard" symbol	1000	9.105 740



6 Eye-Wash Bottle, Barikos KS

Barikos KS and Mini Barikos KS are maintenance-free models of eye wash bottles. *BartelsRieger*
Containing water, they can be kept ready for use for at least two years in the sealed state. Both models are ideal for first aid boxes and sets. All above mentioned Barikos eyewash bottles comply with EN 15154-4. A protective cover clips onto the spray head of the eye wash bottle thus preventing any leakage. All bottles with sliding valve are suitable for use with upright and with the downward spray head.

- Filled eyewash bottle, ph-neutral eyewash on water basis without chemical additives
- Ergonomically shaped eye recess

Description	PK	Cat. No.
Barikos KS, 620ml, filled	1	9.005 009
Mini Barikos KS, 175ml, filled	1	9.005 008



Accessoires for Eye-Wash Bottle, Barikos

Description	PK	Cat. No.
Barikos K / KS wall unit for 1 eye wash bottle, plastic coated steel wire	1	9.005 015
Barikos K / KS wall unit for 2 eye wash bottles, plastic with transparent lid	1	9.005 017
Barikos K / KS wall unit for 1 eye wash bottle, plastic with transparent lid	1	6.076 057
Sticker "52 weeks" for eye wash bottle	10	6.053 310



First-aid/Eye wash bottles

1



9.733 794

2



6.240 397

Eye Wash Bottle, 0.9 % NaCl, Sterile

- choice of 0.2 litre (washing time approx. 2 minutes) or 0.5 litre (washing time approx. 5 minutes) bottles
- Duo wash bottle for both eyes 1000 ml (washing time approx. 5 minutes)
- Ergonomic eye cup - keeps the eyes open during application
- Saline solution (0.9 %), conforming to the natural salinity of the eye
- According to DIN EN 15154-4
- Shelf life: 3 years

B-SAFETY

Applications:

- Mobile application
- Transportation of dangerous goods acc. GGVS
- Emergency medication
- First-aid boxes
- Refill unit for eye wash emergency station
- NEW: eye wash bottle DUO for simultaneous washing of both eyes

Description	PK	Cat. No.
Eye wash bottle 0,9% NaCl, 200ml	1	9.733 794 1
Spare eyewash bottle, 0,9% NaCl, 500ml	1	9.733 793
Eye wash bottle DUO 0,9% NaCl, 1000ml	1	6.240 397 2

3



9.733 788

4



9.733 817

Eyewash Bottle pH-neutral

A small, handy bottle containing 4.9 % sterile phosphate buffer solution, that neutralises the eye's fluid after accidents involving acids and alkalies.

- shelf life: 3 years
- rinsing time: about 2 minutes
- according to DIN EN 15154-4

Applications:

- mobile application
 - emergency medication
 - First-aid boxes
 - refill unit for eye wash emergency station
- NEW: eye wash bottle DUO for simultaneous washing of both eyes.

Description	PK	Cat. No.
Eyewash bottle, pH neutral, 200ml, single	1	9.733 788 3
Eyewash bottle pH neutral DUO, 500ml	1	9.733 817 4

5



5 Eye Wash Emergency Station DUO

B-SAFETY

For parallel treatment of both eyes. With one pH neutral DUO eye wash bottle with 500ml sterile phosphate buffer solution (4.9%) and one DUO eye wash bottle with 1000ml sterile sodium chloride solution (0.9%). With wall mounting, enclosed pictogram and mirror. Instructions included. Especially suitable for workplaces where chemicals and contaminants can penetrate the eye. Advice: Also after treatment with pH neutral solution continued flushing until medical treatment with sodium chloride solution is recommended. Shelf life: 3 years. According to DIN EN 15154-4:2009.

Description	PK	Cat. No.
Eye wash emergency station DUO	1	9.733 816
Eye wash bottle DUO, pH neutral , 500ml	1	9.733 817
Eye wash bottle sodium chloride solution DUO, 1000ml	1	6.240 397

Eyewash Emergency Station, Wall-Mounting

A dust-proof wall mounted station containing one bottle of 200 ml sterile phosphate buffer solution and one bottle of 500 ml sterile sodium chloride solution complete with instructions and a mirror or eye wash emergency station DUO with one bottle of 500 ml sterile phosphate buffer solution and one bottle of 1000 ml sterile sodium chloride solution. Especially suitable for workplaces where on the spot rinsing is required, smaller workplaces. Bottles according to DIN EN 15154-4.

B-SAFETY

1



9.733 787

Dimensions eye wash station (W x D x H): 227 x 110 x 265mm
 Dimensions eye wash station DUO (W x D x H): 250 x 115 x 355mm
 Durability: 3 years
 Flush time: about 7 minutes

Description	PK	Cat. No.
Eyewash emergency station, wall-mounting	1	9.733 787 1
Eyewash emergency station DUO, for both eyes, wall-mounting	1	6.253 311
Eyewash bottle, pH-neutral, 200ml	1	9.733 788
Eyewash bottle DUO, pH neutral, 500ml	1	9.733 817
Eyewash bottle, 0,9% NaCl, 500ml	1	9.733 793
Eyewash bottle DUO, 0,9% NaCl, 1000ml	1	6.240 397

2 Mini Eyewash Station Eyes Fresh

Ideal for the lab, filling stations or all work places where aggressive substances are used. "Eyes Fresh" can be attached to any standard cold water tap. For normal use of the tap, just press the button and the function changes back from the eye wash (returns automatically to eyewash-function when the tap is closed). Can be fitted onto taps with M22x1, 1/2" or 3/8" outer thread.

Bürkle

2



Description	PK	Cat. No.
Mini eyewash station EyesFresh	1	6.076 887

Hand-Held Drench Hoses

Two sprays in one. The hose can be used as a fixed eyewash when fitted into the mount. This allows the injured person to use both hands to hold open the eyes. The hose can also be removed from the mount so that other body parts and reclining patients can be treated.

B-SAFETY

3



9.733 779

- For wall and table mounting
- Wall-/ table mount included
- according to DIN 1988 und DIN EN 1717
- according to DIN EN 15154-2:2006 and ANSI Z358.1-2014
- DIN-DVGW tested and certificated
- DIN certification label included
- The spray heads ensure a wide distribution of water so that areas around the eyes are also covered and the exact positioning of the eyes is therefore not critical
- Large holes in the spray heads protect against limescale. The spray heads can be removed for cleaning purposes
- Rubber shrouds on the nozzles help prevent accidental injury
- Self-closing valve with squeeze lever operation
- Lightweight dust caps fall off automatically on operation
- Integral jet regulator keeps the water jet constant independent of the water pressure
- Built-in non-return valve prevents any backflow of contaminated water

Spray height: 250mm
 Hose length: 1500mm
 Connection: 1/2" swivel nut
 Water output: 7 litres/min per spray head, regulated
 Inlet fitting: M 28 x 80mm.

4



9.733 786

Description	Connection	PK	Cat. No.
1 spray head, 45° angle	1/2" female	1	9.733 778
2 spray heads, 45° angle	1/2" female	1	9.733 779 3
1 spray head, vertical	1/2" female	1	9.733 786 4

1 Safety Eye Showers

- With two high performance spray heads
- Dust caps, which open automatically on operation, protect against dirt inside the spray heads
- Rubber sleeves protect the person seeking help against further injuries
- Table and wall mounting bracket
- Stainless steel covered hose 1500 mm
- Flow rate: 7 liter/minute/spray head
- Integrated flow regulation which guarantees uniform jet of water independent from water pressure
- According to ANSI Z358.1-2014 and DIN EN 15154-2:2006
- DIN-DVGW tested and certified

B-SAFETY

Description	Connection	Attachment	PK	Cat. No.
with two spray heads 45°	½" female	Table mounted	1	6.254 947 2
with two spray heads 45°	½" female	Wall mounted	1	9.733 819 3
stainless steel bowl	¾" female	Wall mounted, exposed pipework	1	7.653 251 4



6.254 947



9.733 819



7.653 251

5



9.733 810

Body Showers/Emergency Showers

Special showering heads ensure that large water quantities in gentle streams reaches the injured person without damaged the injured skin.

B-SAFETY

- The showers meet EN 15154-1:2006
- DIN-DVGW tested and certified
- Marked sign according to DIN is included
- Large dimensioned maintenance-free ball tap for large throughput quantities
- Throughput quantity: approx. 60 litres/min.
- Simple assembly
- Stable structure
- Chemical-resistant PE powder painting
- High speed showering heads made from plastic, with improved spray pattern. Corrosion resistant, calcify- and maintenance free, very durable, even emptying.
- Large, easy-to-use release bar
- Comes with all mounting materials
- Connection ¾"

Inlet	Length	Attachment	PK	Cat. No.
	mm			
Surface mount	625	Wall flange	1	9.733 810 5
Concealed mount	625	Wall/60 mm - ¾" pipe	1	9.733 811
Surface mount	565	Over door wall flange	1	9.733 812

6



6 Safety Shower Test Cart, Tank Capacity 30 litres, Mobile

With the safety shower test cart you can keep the monthly required functional test simple and easy.

B-SAFETY

- mobile collecting tray equipped with 4 roles made of black plastics
- two integrated grip recesses
- one drain screw
- funnel made of black plastics, diameter 440 mm, height 160 mm
- total height 2100 mm
- pipe material aluminium 47 mm, pluggable
- tank capacity 30 litre
- total weight 7 kg
- detachable in 3 parts for simple storage

Description	PK	Cat. No.
Safety shower test cart	1	7.656 739

Plaster Dispenser aluderm®-aluplast

Plaster dispenser with wall mounting. Can be used mobile or stationary. 115 individual aluderm®-aluplast plasters of various sizes and shapes, each individually sealed, and a mini block of emergency medical care verification are available.
Content: 115 elastic, aluminum-coated wound plasters for adults:

- 30 strips about 1.9 x 7.2 cm
- 30 strips about 2.5 x 7.2 cm
- 25 fingertip bandages
- 20 finger bandages approx. 12 x 2 cm
- 10 finger joint bandages

- Dimensions: approx. 160 x 122 x 57 mm
- Color orange
- Material: ABS plastic

Söhngen



9.264 146



9.264 147

Description	PK	Cat. No.
Plaster Dispenser aluderm®-aluplast, filled with 115 plasters	1	9.264 146 1
Refill pack, complete for aluderm®-aluplast, with 115 plasters	1	9.264 147 2

Plaster Dispenser QuickFix

Pull and you immediately have a plaster ready for use. Each plaster is individually packed. This provides great hygienic safety. Ready for use at critical workplaces. The plasters are made of protective, PE material that allows the skin to breathe and are especially suitable for damp workplaces. The QuickFix dispenser is only 23cm wide and 13.5cm high. It contains 90 plasters in spite of its modest size so it can be installed precisely in those places where the need is greatest. Refilling of the dispenser is also possible with other types of the QuickFix range.

B-SAFETY

- QuickFix Elastic Long Refill, 30-parts finger dressing
Elastic plasters, conforming to the movements of the skin and therefore very comfortable to wear. The plasters allow the skin to breathe.
- Solves most accidents quickly, easily and hygienically



9.733 808



9.733 825

Description	PK	Cat. No.
QuickFix plaster dispenser including two water-resistant plaster refills	1	9.733 808 3
QuickFix plaster dispenser including two finger dressing refills	1	4.661 250
QuickFix water resistant plaster refill containing 45 plasters	1	9.733 809
QuickFix 30-parts finger dressing	1	9.733 825 4

5 First Aid Case EUROPA

The cases are labelled in the following languages:
- German - English - Portuguese - Spanish - French - Dutch - Italian - Czech - Polish - Hungarian - Slovenian - Finnish - Danish - Slovak.
The instructions and lists of contents are also available in all the languages listed above.
ABS thermoplastic, orange, wall bracket with 90° lock for horizontal positioning

Söhngen



- EUROPA I
- Contents: accordance with German standard DIN 13157
- Dimensions: 310 x 210 x 130 mm
- EUROPA II
- Contents: accordance with German standard DIN 13169
- Dimensions: 400 x 300 x 130 mm

Type	PK	Cat. No.
EUROPA I	1	6.286 491
EUROPA II	1	6.286 492

2. Occupational safety, Security

First-aid/Dressings/plasters-Waste disposal/Waste, Disposal bags

1



1 First Aid Kit Special for Laboratories and Chemistry

Basic contents to DIN 13157. Additionally includes industrial risk equipment for laboratories and chemistry, medical, technical and chemical research institutes and laboratories. With wall bracket, handle and turn-lock fasteners. Sealing tag provided. With screen-printed label with text in German.

Söhngen

- Dimensions: approx. 400 x 300 x 150 mm
- Colour orange
- Material: ABS plastic
- Wall bracket with 90 ° stop lock
- Suitcase sealable
- Marking with pictograms and screen printing labelling

Type	PK	Cat. No.
Laboratory and Chemistry	1	9.264 163

2



2 Holder for Waste Sacks

Warning: Never place sharp objects such as hypodermic needles, etc., in plastic bags! Always steam-sterilize bags unsealed.
Injury hazard!

- White
- Steel wire
- Epoxy resin coating
- With rubber feet

Description	Int. diam. mm	Height mm	PK	Cat. No.
Stand with 100 disposal bags of PP	120	250	1	9.404 030
Stand with 50 disposal bags of PA	120	250	1	6.310 692
Stand	120	250	1	7.060 716

3



3 LLG-Autoclavable bags, PP

Constructed from very strong PP film with a broad seam at the bottom. For the disposal of contaminated labware. When autoclaving, the neck of the bag must be left open. Film thickness: 50 µm.

Description	Width mm	Length mm	Capacity L	auto-clavable at °C	Package contents	PK	Cat. No.
standard	200	300	1.5	134 °C	Dispenser box of 100 bags	100	9.404 099
standard	300	500	6.0	134 °C	Box of 500 bags	500	9.404 220
standard	400	780	22.0	134 °C	Box of 250 bags	250	9.404 221
standard	500	780	25.0	134 °C	Box of 250 bags	250	9.404 222
standard	600	800	32.0	134 °C	Box of 250 bags	250	9.404 223
standard	600	780	32.0	134 °C	Box of 100 bags	100	9.404 103
standard	700	1100	72.0	134 °C	Box of 250 bags	250	9.404 224
standard	700	1100	72.0	134 °C	Box of 75 bags	75	9.404 105
highly transparent	200	300	1.5	121 °C	Dispenser box of 100 bags	100	9.404 020
highly transparent	300	500	6.0	121 °C	Box of 500 bags	500	9.404 100
highly transparent	400	780	22.0	121 °C	Box of 500 bags	500	9.404 101
highly transparent	600	800	32.0	121 °C	Box of 500 bags	500	9.404 102
highly transparent	700	1100	72.0	121 °C	Box of 350 bags	350	9.404 104

4



4 5 LLG-Autoclavable Bags, PP, with Biohazard printing



Autoclavable bags imprinted with biohazard labelling. Made of polypropylene. Strong side seams for securely holding items. Front write-on panel. Autoclavable.

5



Width mm	Length mm	Capacity L	Colour	Description	auto-clavable at °C	Thickness µm	PK	Cat. No.
310	660	12	transparent		121	45	50	9.404 050
415	600	14	transparent		121	45	50	9.404 051
610	810	35	transparent		121	45	50	9.404 052
500	600	20	red	with sterilisation indicator	134	50	200	6.285 813
630	890	40	red	with sterilisation indicator	134	50	200	6.285 814
910	1150	80	red	with sterilisation indicator	134	50	100	6.285 815

1 Biohazard Disposal Bags, PP, Red, 38 µm



Bel-Art Products

Red. With pre-printed sterilization indicator patch, which darkens when bag is autoclaved.

- ASTM 1709 and ASTM 1922
- Can be autoclaved at 135°C
- Print: standard biohazard warning symbol
- Precautionary protocols in four languages: English, French, German and Spanish

Width mm	Length mm	Thickness µm	PK	Cat. No.
360	480	38	200	6.240 465
480	580	38	200	9.404 010
640	890	38	200	6.301 637
790	970	38	200	6.253 096
970	1220	38	100	9.404 011



2 Biohazard Disposal Bags, Super Strength, PP, 50 µm



Bel-Art Products

Red-orange. With pre-printed sterilization indicator patch, which darkens when bag is autoclaved.

- Maximum protection against dangerous tears and leaks
- Material: blended polymer
- ASTM 1709 and ASTM 1922
- Autoclavable at 135 °C
- Print: standard biohazard warning symbol
- Precautionary procedures in four languages: English, French, German and Spanish

Width mm	Length mm	Thickness µm	PK	Cat. No.
360	480	50	200	9.404 012
480	580	50	200	9.404 013
640	890	50	200	6.253 092
790	960	50	200	6.253 093
940	1220	50	100	9.404 014



3 Benchtop holder and biohazard bags set



Bel-Art Products

The set includes bench top holder and 100 red bench top biohazard bags (HDPE).
For collecting pipette tips and microcentrifuge tubes.

- Rectangular steel wire frame for polyethylene bags (22 x 28 cm, 0.018 mm thickness)
- Coated in easy to clean, orange color epoxy
- Snug fitting polypropylene plastic cover
- Autoclavable

Description	PK	Cat. No.
Benchtop holder and biohazard bags set	1	6.280 859
Biohazard bags	100	9.404 070



4 Stand for safety pouch Poxygrid®



Bel-Art Products

The bright orange, epoxy-coated steel wire stand provides a stable support to keep the safety pouch upright and open for easy access. This hard to pierce pouch offers protection against the danger of being cut by contaminated sharp objects.
After filling, the top flaps close and lock in place for safe disposal.

- Solid oval paperboard pouch
- Printed with bold biohazard symbol

Type	Dimensions mm	PK	Cat. No.
Stand for safety pouch	100 x 130 x 200	1	4.675 024
Paperboard pouch	140 x 330	200	6.250 052





1 Waste Bags, HDPE



HDPE. With adhesive strips. Can be fixed anywhere, e.g. walls and tables etc. Without holder. Carrying weight approx. 1.36 kg.

- ASTM 1709 and ASTM 1922
- Autoclavable (121 °C)

Width mm	Length mm	PK	Cat. No.
203	254	50	9.404 065
305	406	50	9.404 066



2 Bench-top stand for waste disposal bags

Plastic coated iron. With non-slip rubber feet.

Ratiolab

Description	Int. diam. mm	Height mm	PK	Cat. No.
For waste disposal bags (200 x 300 mm)	150	250	1	6.230 832
For waste disposal bags (300 x 500 mm)		350	1	6.312 243

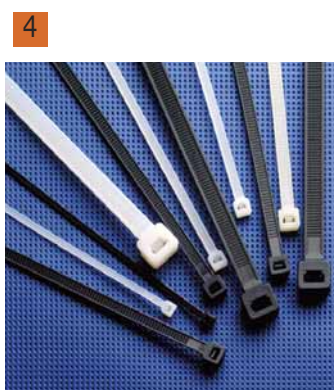


3 Quick-Lock Ties

Red. Polyethylene, round, can be reopened. Further colours available on request.

Württ. Allplastik

Diam. mm	Length mm	PK	Cat. No.
3.5	120	1000	9.404 182
3.5	180	1000	9.404 184
3.9	240	1000	9.404 186
4.4	320	1000	6.235 096



4 Cable Ties

Nylon, flat, single use - cannot be reopened

Württ. Allplastik

Colour	Width mm	Length mm	PK	Cat. No.
Natural	2.2	75	1000	9.404 301
Natural	2.5	98	1000	9.404 303
Natural	2.5	135	1000	9.404 305
Natural	2.6	160	100	6.311 824
Natural	2.6	200	1000	9.404 307
Natural	3.5	140	1000	9.404 309
Natural	3.5	200	1000	9.404 314
Natural	3.5	290	500	9.404 310
Natural	4.5	160	1000	9.404 311
Natural	4.8	250	100	9.404 316
Natural	7.8	300	100	9.404 326

Needles and waste containers Medibox®

Sharps disposal containers complying with EN ISO 23907

B. Braun Deutschland

- No-touch, twist-off and insertion inlets
- For all kinds of used luer and luer-lock needles as well as pen needles
- Large opening to ease the insertion of various medical sharps
- Irreversible final lock mechanism
- Easy to use temporary closure
- Overfill warning by maximum fill line

Volume litres	Filling volume L	Dimensions (W x D x H) mm	PK	Cat. No.
0,8	0,67	98 x 98 x 180	1	6.315 045 1
2,4	2,0	151 x 151 x 200	1	4.661 837 2
4,7	3,9	190 x 190 x 200	1	4.661 838 3
5,7	4,8	190 x 190 x 257	1	4.661 839 4

1



6.315 045

2



4.661 837

3



4.661 838

4



4.661 839

5 6 Disposal Container SHARPSAFE®, PP



Sharpsafe® offers a convenient range of disposal containers and accessories that meet high requirements of hygiene and safety. The disposal of waste at its source is thus very convenient and easy.

- Container consists of 2 parts: yellow base with semi-transparent cover, safe and quick installation by simply pressing and hearing 4 clearly audible "clicks"
- The Sharpsafe® 0.6 l is a pocket container and is already pre-assembled
- The Sharpsafe® 9 l is also available with a height of 498 mm for the disposal of long items such as serological pipettes
- Equipped with a carrying handle
- Secure one-hand use possible with different mounting accessories
- Wide opening for the disposal of large objects
- Disconnection for all types of needles (2 l to 7 l), insulin pens (2 l to 7 l) and scalpel blades (2 l to 9 l)
- Opening with integrated safety flap for additional protection (2 l to 7 l)
- The closure cap can be locked in the open position if required
- 2 locking positions: provisional and final, open simply by pressing the tab
- Maximum filling level clearly visible by a black line on the lid
- Safety distance between the container opening and the clear marking line of maximum filling level
- Inscription on a label fused into the container, label will not be removed by moisture or autoclaving
- Information on the label in different languages (see table)
- The empty and open container is autoclavable up to 134 °C for 18 minutes
- Sharpsafe® is conform to ADR, TRBA 250, ISO 23907: 2013, NFX30-500 and owner of the label NF302
- Country of origin: European Union

5



6



Type	Capacity ml	Dimensions (W x D x H) mm	Dimensions large opening mm	Labeling	PK	Cat. No.
0,6 L	580	108 x 52 x 224	40 x 30	FR/NL	1	9.264 210
1,0 L	1000	108 x 90 x 187	58 x 36	DE/FR/IT/ES/EN	1	9.264 211
2,0 L	2000	195 x 20 x 178	55 x 50*	DE/FR/IT/ES/EN	1	9.264 212
3,0 L	2600	197 x 120 x 205	55 x 50*	DE/FR/IT/ES/EN	1	9.264 213
4,0 L	4000	175 x 175 x 245	55 x 50*	DE/FR/IT/ES/EN	1	9.264 214
7,0 L	6700	175 x 175 x 380	55 x 50*	DE/FR/IT/ES/EN	1	9.264 215
9,0 L	9000	292 x 195 x 291	210 x 60	FR/NL	1	9.264 216
9,0 L h	8200	175 x 175 x 498	55 x 77	FR/NL	1	9.264 217

* Picture cover



1 2 Disposal Cartons for Broken Glass

Bel-Art Products



- Safe puncture resistant receptacles for broken glassware
- Reduces chances for accidents
- Clearly labeled, dedicated containers available in 2 sizes: floor model: 18kg of waste; bench top: 5.5kg
- Lined with a 50 micron, clear polyethylene bag to store
- Printed in four languages: English, German, French, Spanish

Reusable cover for floor model:

Reusable safety cover for glass disposal carton. Dishwasher-safe and autoclave-safe. The Disposal Carton Cover opens quickly and easily by pressing the built-in release tab. Please do not dispose but reuse for the next glass disposal carton.

Description	Dimensions (W x D x H) mm	PK	Cat. No.
Disposal cartons for broken glass, floor model	300 x 300 x 690	6	6.236 025
Disposal cartons for broken glass, benchtop	200 x 200 x 250	6	9.264 190
Cover for glass disposal cartons with 300 x 300 mm opening	-	1	9.264 191

LLG-Absorbent, oil and chemical binder, granules

Universal chemical and oil binder for all liquids, also for solvents. Very high absorption capacity (up to 1:75 of aqueous solutions). Almost dust-free granules with colour indicator: colour changes to yellow in contact with acids, to red in contact with alkalis. Disposal according to the pollutant recorded.

Capacity kg	Package	PK	Cat. No.
0.7	Laboratory bottle	1	6.283 036 3
1.5	Square handle bottle	1	6.283 037 4
5.0	Bucket	1	6.270 479 5

3



6.283 036

4



6.283 037

5



6.270 479

6

6 Absorbent, oil and chemical binder FastSorb 4.0

LABORGERÄTESÜD

FastSorb 4.0 is a spreadable absorbent agent for a rapid binding of hazardous liquids. This quick binder should be used on all places of operation where dangerous leaks are possible.

- Tested by TÜV Rheinland according to the BAM test method
- Occupational health and environmental safe absorbent

Optional wall mount with shovel and hand brush available.



Description	PK	Cat. No.
1500 g Quick binder for mineral oil and chemicals	1	4.664 658
50 L Quick binder for mineral oil and chemicals	1	4.664 659
Wall bracket incl. Handbrush, with rubber bristles, shovel, plastic bag and mounting kit, without FastSorb 4.0	1	4.664 660

1 Mercury collector

Bürkle's mercury collector enables the easy collection of spilt mercury, which can then be used again. The mercury collector is composed of a PE tub. Within the screw cap lid there is a special plastic foam insert. On pressing this foam gently on the spilt mercury, the foam's pores are opened and the mercury globules are absorbed. When raised, the foam's pores are sealed again, thus keeping hold of the mercury. The cap is then screwed on the tub, the globules are released again and fall through the perforated separation into the tub.

Bürkle

1



Description	PK	Cat. No.
Mercury collector	1	7.300 223
Replacement foam insert	1	7.300 224

Chemical Sorbents

The sorbents have a high performance. Due to their new microfibre structure, they provide very high absorbing capacities. The light and absorbent material is easy to use and committed to absorb quickly and store the liquid. The absorbed liquid can be extracted, to be used again or to be disposed of separately. The optimal combination of features such as light weight, low volume, very high absorbance, easy handling and low sorbent disposal weight significantly reduces disposal costs in comparison to conventional binding materials. To reduce the final waste content, the used sorbets can be burnt.

3M Deutschland

Can be used to absorb a variety of lab chemicals:

- acids, such as acetic acid, hydrofluoric acid, phosphoric acid, nitric acid, hydrochloric acid, sulphuric acid
- alkalis, such as sodium hydroxide, potassium hydroxide
- hydrazine: N₂H₄
- hydrogen peroxide

Type	Description	Dimensions (W x D)	Absorption*	PK	Cat. No.
PF 2001	Multi-Format	15.2m x 12cm	39 l	1	9.264 101 2
P 110	Wipes	33cm x 28cm	0.25 l	50	9.264 102 3
P 300	Pillows	28cm x 18cm	2 l	16	9.264 103 4

*Capacity per piece

2



9.264 101

3



9.264 102

4



9.264 103

5 Chemical Sorbents Emergency Kits

Each kit has the optimal combination of different sorbents. Ready to use. Quick and safe aid for accidental spillages of almost all hazardous liquids.

3M Deutschland

Type	Size	Absorption*	Capacity	PK	Cat. No.
SK5	7 x 40 x 28 cm	approx. 5	10 wipes, 1 pillow, 1 waste bag	1	9.264 104

5



1

1 Safety Box


Kartell

PC. Completely autoclavable. Used to carry tubes and containers under safe conditions. With silicone gasket and 4 sidelocks. Provided with a stainless steel handle and user sheet with instructions approved by WHO. With bio-hazard symbol printed on the box.

Description	Width mm	Depth mm	Height mm	PK	Cat. No.
Safety box	175	391	190	1	9.301 567
Safety box rack				1	9.301 568
Set 4 sidelocks				4	6.235 082
silicone gasket				1	9.301 569

2

2 Portable Desiccator DURAPorter™, PC


Heathrow Scientific

Ideal for transporting biological and clinical samples, as well as instruments and products that you want to keep clean and dry under testing environmental conditions. Are light weight and easy to carry; they are ideal for moving samples that must be protected from humidity, dust and other environmental influence. The clarity of the DURAPorter™ enables the user to visibly check sample integrity, so that it can be opened using the right precautions.

- Polycarbonate construction are available in three colours for use/owner identification
- Silicone water-tight seal and three lid clasps provide secure closure
- Carry handle folds neatly into body space allowing the units to be stacked
- Lid opens a full 180°, allowing total access to contents and making it easier to clean
- Will accommodate 13 and 16 mm tubes in a 72-place one rack®, or similar sized/brand of rack
- Use the separators provided to create your own compartment sizes, or use empty to transport larger products and equipment
- Autoclavable

Matching rack (e.g. Cat. No. 9193 997, 9193 998) please order separately. Further colours available on request.

Type	Colour	Dimensions (l x w x h) mm	Material	PK	Cat. No.
DURAPorter™	Clear with blue handles	380 x 196 x 160	PC	1	9.194 005
DURAPorter™	Yellow with yellow handles	380 x 196 x 160	PC	1	9.194 006
DURAPorter™	Red with red handles	380 x 196 x 160	PC	1	9.194 007



Safety Funnels with Hinged Lid, HDPE

This compact funnel with lid is optimally suited for restricted space conditions in the laboratory. The hinged lid closes the funnel clean and safely. The removable sieve collects magnetic stirrers and solid substances during fluid discharge.

- Chemically resistant HDPE
- With removable sieve for easy cleaning
- Funnel diameter: 130 mm
- Different thread sizes with free rotatable cap
- Safety lance ensures clean outflow without contaminating the container opening. Lance length: 200 mm
- Also available without safety lance
- Chromatography vials can be disposed completely when the sieve is removed.
- Black Safety funnels are made of electrostatic conductive HDPE and have a grounding connection to avoid ignition risks. Grounding cable (1.5 m) and grounding clamp are included.

Further thread sizes available on request.

1 Safety Funnels with Hinged Lid, White, HDPE

S.C.A.T.

Description	Thread	PK	Cat. No.
Funnel with safety lance	GL45	1	6.248 077
Funnel without safety lance	GL45	1	6.241 723
Funnel with safety lance	S50	1	9.042 881
Funnel without safety lance	S50	1	9.042 882
Funnel with safety lance	S51	1	9.042 871
Funnel without safety lance	S51	1	9.042 872
Funnel with safety lance	S55	1	7.655 618
Funnel without safety lance	S55	1	9.042 873
Funnel with safety lance	S60/61	1	6.242 856
Funnel without safety lance	S60/61	1	6.242 855
Funnel with safety lance	S65	1	6.241 661
Funnel without safety lance	S65	1	9.042 874
Replacement sieve, PE-HD, for funnel with hinged lid		1	9.042 875



Safety Funnels with Hinged Lid, Black, HDPE, Electrostatic Conductive

S.C.A.T.

Description	Diam.	Thread	PK	Cat. No.
	mm			
Funnel without Safety lance	130	GL45	1	9.042 862
Funnel with Safety lance	130	S55	1	9.042 864
Funnel without Safety lance	130	S55	1	9.042 861
Funnel with Safety lance	130	S60/61	1	7.626 422
Funnel without Safety lance	130	S60/61	1	9.042 860
Funnel with Safety lance	130	S65	1	9.042 866
Funnel without Safety lance	130	S65	1	9.042 863
Funnel without Safety lance	130	R2" BSP/G2" + 2" Tri-Sure	1	9.042 880
Funnel, without Safety lance	180	GL45	1	4.653 858
Funnel, without Safety lance	180	S60/61	1	6.261 363
Replacement sieve for funnels with lid	130		1	9.042 867
Replacement sieve for funnels with lid	180		1	9.042 850



7.626 422



9.042 860

Safety Funnels with Ball Valve, HDPE

The Safety funnel with ball valve closes automatically after the disposal of the liquid. The removable sieve collects magnetic stirrers and solid substances during fluid discharge.

- Chemically resistant HDPE
- With removable sieve for easy cleaning
- Funnel diameter: 180 mm
- Different thread sizes with free rotatable cap
- Splash protection for safe discharge without splashes
- Safety lance ensures clean outflow without contaminating the container opening, lance length: 200 mm
- Black Safety funnels are made of electrostatic conductive HDPE and are supplied with a grounding wire.

1



1 Safety Funnels with Ball Valve, White, HDPE

S.C.A.T.

Description	Thread	PK	Cat. No.
Funnel with safety lance	GL45	1	6.248 078
Funnel with safety lance	S50	1	9.042 876
Funnel with safety lance	S51	1	6.252 181
Funnel with safety lance	S55	1	9.042 869
Funnel with safety lance	S60/61	1	9.042 868
Replacement sieve, PE-HD for ball valve funnels		1	6.241 673

2



2 Safety Funnel with Level Control

S.C.A.T.

- Electrostatic conductive HDPE
- 9.75 litres throughput per minute
- Level Control with 1.5 litres filling buffer when using a 10 litre container
- S 60 thread with freely rotatable closure
- Drip edge prevents from fluid deposition at the closure
- Grounding cable and clamp included
- 1.5 litre reservoir clearance from movement of the level control
- Removable sieve for easy cleaning
- Space saving construction, suitable for every safety cabinet
- Dimensions (W x D x H): 140 x 150 x 200 mm

Type	PK	Cat. No.
Safety Funnel with Level Control	1	6.286 921

3



3 Waste Disposal Unit Standard, HDPE

S.C.A.T.

Disposal unit for liquid waste, HDPE, useful for the collection of solvent and sample waste. With funnel, hinged lid and removable sieve to collect magnetic stirrers and residues. The sieve is detachable for cleaning. Delivered with container and funnel, ready to use.

Capacity	Dimensions (W x D x H) mm	PK	Cat. No.
L			
2.5	115 x 150 x 305	1	9.139 892
5.0	150 x 195 x 345	1	9.139 893
10.0	190 x 230 x 395	1	9.139 894

1 Disposal Unit with Safety Funnel, HDPE, Electrostatic Conductive

1
S.C.A.T.

This set contains a safety funnel with ball valve and a container both made of electrostatic conductive HDPE to prevent ignition risks. The Safety funnel with ball valve closes automatically after the disposal of the liquid. The built-in level control floater gives a warning in time to prevent overfilling of the container. The removable sieve collects magnetic stirrers and solid substances during fluid discharge.

- Chemically resistant HDPE, electrostatic conductive
- Delivered with grounding cable
- With removable sieve for easy cleaning
- Funnel diameter: 180 mm
- Splash protection for safe discharge
- Safety lance ensures clean outflow without contaminating the container opening, Lance length: 200 mm
- Container with 10L or 20L capacity
- With level control floater to prevent overfilling



Description	Thread	PK	Cat. No.
with canister 10L and level control	S60/61	1	4.005 954
with canister 20L and level control	S60/61	1	4.005 955

2 Waste Disposal Unit Set, HDPE, Electrostatic Conductive

2
S.C.A.T.

Ready-to-use complete set as disposal unit for liquid waste. Consisting of safety funnel, container and collecting tray. All components are made of electrostatic conductive HDPE to avoid ignition risks. Only one part number for the entire safety system. No time consuming compilation of a configuration. Price advantage compared to ordering piece by piece. The delivery is made complete - the system is immediately ready for use

Funnel

- Hinged Lid
- Sieve
- HDPE, electrostatic conductive
- Grounding cable

Container

- 10 Liter, S60/61 thread
- HDPE, electrostatic conductive
- Float for level control
- With collecting tray
- 445 x 405 x 350 mm



Type	PK	Cat. No.
Waste disposal unit Set	1	6.255 403

Safety container, HDPE

Suitable for the S.C.A.T. safety system. Electrically conductive, with or without floater for level control.

3
S.C.A.T.

Please note: The containers can be grounded with a suitable grounding cable (4.005 653, please order separately).

Type	Capacity	Dimensions (W x D x H) mm	Thread	PK	Cat. No.
Without floater*	10	185 x 290 x 265	S 60 / 61	1	4.005 602
Without floater*	20	185 x 290 x 500	S 60 / 61	1	4.005 671
Without floater*	30	240 x 364 x 455	S 60 / 61	1	4.664 150
Without floater*	60	330 x 395 x 625	S 70 / 71	1	4.005 593
With floater	10	185 x 290 x 265	S 60 / 61	1	4.005 682
With floater	20	185 x 290 x 500	S 60 / 61	1	4.005 683

* with UN approval



4.005 602



6.259 834

Collecting trays, HDPE

Suitable for the S.C.A.T. Safety System. Electrically conductive.

S.C.A.T.

Type	Internal dimensions (W x D x H) mm	External dimensions (W x D x H) mm	PK	Cat. No.
Collecting tray*	235 x 335 x 160	300 x 400 x 170	1	4.005 794
Collecting tray with base insert	285 x 385 x 95	355 x 445 x 135	1	6.253 713
Collecting tray with base insert	295 x 415 x 200	365 x 490 x 240	1	6.259 834 1

*Not electrically conductive



2 Safety container with viewing stripe, HDPE, electrostatic conductive, with UN-approval

Electrostatic conductive container for a safe collection and transportation of flammable solvents and solvent waste. Made of electrostatic conductive HDPE to avoid ignition risks.

S.C.A.T.

The viewing strip allows a permanent control of the solvent level. Also available as set with safety funnel.

- weight: 450 g
- with UN-approval

Please note: The container 6.251 593 must be grounded with a suitable grounding cable (6.254 171, please order separately).

Description	Capacity l	Dimensions (W x D x H) mm	Thread S	PK	Cat. No.
Container 10 l	10	195 x 195 x 380	90	1	6.251 593
Container 10 l	10	190 x 230 x 319	50	1	6.270 296



3 Safety Funnels

For safe filling of plastic canisters. With overflow protection, liquid level control, flame trap, earthing und cap. Filter to extract solid matter. From high quality and chemically resistant stainless steel, screw cap from PE.

Rötzmeier

Upon request: available in flat design (height above thread: 70 mm), with thread G2" or with 2"-butress thread (S56x4).

Type	Diam. mm	Height mm	Weight kg	DIN	PK	Cat. No.
TK 50	140	125	0.5	50	1	9.042 978
TK 51	140	125	0.5	51	1	9.042 979
TK 61	140	125	0.6	61	1	9.042 980
TK 71	140	125	0.6	71	1	9.042 988



4 Safety cans for solvents

For safe storage, use and in-plant transports of flammable liquids. Explosion-proof by flame traps and pressure control valves. Metering devices are self-closing. From high quality and chemically resistant stainless steel 316, electro-polished, gaskets from PTFE, ergonomic handholds.

Rötzmeier

Type	Description	Capacity L	Diam. mm	Height mm	Weight kg	PK	Cat. No.
0 HD	with self-closing, metering device 1/4"	0.5	99	198	0.66	1	6.287 541
01 D	with self-closing, metering device 1/4"	1.0	111	235	0.70	1	9.042 900
02 D	with self-closing, metering device 1/4"	2.0	131	295	0.80	1	9.042 901
05 D	with self-closing, metering device 1/4"	5.0	165	405	1.20	1	9.042 902
0 HK	with screw-cap 1/4"	0.5	99	178	0.62	1	6.287 542
01 K	with screw-cap 1/4"	1.0	111	235	0.65	1	9.042 905
02 K	with screw-cap 1/4"	2.0	131	295	0.75	1	9.042 906
05 K	with screw-cap 1/4"	5.0	165	400	1.15	1	9.042 907
D 125	self-closing, metering device 1/4"				0.13	1	9.042 940
TR 1	Plug-in funnel, tube dia. 23mm		120	120	0.30	1	9.042 975

1 Safety barrels for solvents

For safe storage, use, decanting and in-plant transports of flammable liquids.

Rötzmeier

Explosion-proof by flame traps and pressure control valves in screw caps and metering devices (self-closing). From high quality and chemically resistant stainless steel 316/304, electro-polished, gaskets from PTFE, ergonomic handles.

Models with self-closing taps at the bottom to tap liquid stationary, optionally with unbreakable content level indicator from PFA.



Type	Description	Capacity Litres	Diam. mm	Height mm	Weight kg	PK	Cat. No.
10 Z	with self-closing tap 3/4"	10	260	330	2.48	1	9.042 925
25 Z	with self-closing tap 3/4"	25	315	540	6.54	1	9.042 926
50 Z	with self-closing tap 3/4"	50	365	600	12.20	1	9.042 927
10 ZI*	with self-closing tap 3/4"	10	260	330	2.82	1	9.042 934
25 ZI*	with self-closing tap 3/4"	25	315	540	7.52	1	9.042 935
50 ZI*	with self-closing tap 3/4"	50	365	600	13.20	1	9.042 936
10 K	with screw-cap 1 1/2"	10	260	330	2.20	1	9.042 930
25 K	with screw-cap 1 1/2"	25	315	540	6.40	1	9.042 931
50 K	with screw-cap 2"	50	365	600	12.10	1	9.042 932
10 D*	with self-closing, metering device 1 1/2"	10	260	340	2.25	1	9.042 937
Z 34	with self-closing tap 3/4"				0.22	1	9.042 942
TR 3	Plug-in funnel, straight-lined, tube dia. 34mm		120	120	0.35	1	9.042 977

* With PFA level indicator (type ZI) and separate vent on the tank.

2 Safety canisters for solvents

For safe storage, use and in-plant transports of flammable liquids. Explosion-proof by flame traps and pressure control valves in screw caps and metering devices (self-closing). From high quality and chemically resistant stainless steel 316/304, electro-polished, gaskets from PTFE, ergonomic handles. Space-saving shape, e.g. in safety cabinets. Models with self-closing taps designed for horizontal storage and decanting.

Rötzmeier



Type	Description	Capacity Litres	Dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
05 KD	with self-closing, metering device 1 1/2"	5	130 x 200 x 310	1.65	1	9.042 910
10 KD	with self-closing, metering device 1 1/2"	10	130 x 280 x 380	2.50	1	9.042 911
20 KDL*	with self-closing, metering device 1 1/2"	20	175 x 345 x 470	3.70	1	9.042 912
05 KK	with screw-cap 1 1/2"	5	130 x 200 x 310	1.65	1	9.042 915
10 KK	with screw-cap 1 1/2"	10	130 x 280 x 380	2.50	1	9.042 916
20 KK	with screw-cap 1 1/2"	20	175 x 345 x 470	3.70	1	9.042 917
05 KZ*	with self-closing tap 1 1/2"	5	130 x 200 x 310	1.65	1	9.042 920
10 KZ*	with self-closing tap 1 1/2"	10	130 x 280 x 380	2.50	1	9.042 921
20 KZ*	with self-closing tap 1 1/2"	20	175 x 345 x 470	3.70	1	9.042 922
D 150	self-closing metering device 1 1/2" with vent for 5 + 10 L			0.17	1	9.042 941
Z 150	self-closing tap 1 1/2"			0.17	1	9.042 943
TR 2	Plug-in funnel, inclined, tube dia. 34mm		H: 120, Ø: 120	0.35	1	9.042 976

* with separate ventilation.

3 Safety transportation containers for solvents

For safe transports of flammable liquids. UN-approval (ADR, RID, IMDG, ICAO-TI) for all carriers (street, railway, air, sea). From high quality and chemically resistant stainless steel 316/304, gaskets from PTFE, screw caps without pressure control valve. Upon request: available with valve.

Rötzmeier



Type	Description	Capacity Litres	Dimensions mm	Height mm	Weight kg	PK	Cat. No.
01 T	Safety transport can	1	Ø 111	230	0.65	1	9.042 945
02 T	Safety transport can	2	Ø 131	295	0.75	1	9.042 946
05 T	Safety transport can	5	Ø 165	400	1.15	1	9.042 947
05 KT	Safety transport canister	5	130 x 200	310	1.65	1	9.042 950
10 KT	Safety transport canister	10	130 x 280	380	2.50	1	9.042 951
20 KTL*	Safety transport canister	20	175 x 345	470	3.70	1	6.241 199
10 TZ*	Safety transportation barrel	10	Ø 260	330	2.29	1	6.287 543
25 TZ*	Safety transportation barrel	25	Ø 300	530	6.40	1	9.042 956
LB 1	Bearing bracket for stand 25 l		Ø 260	100	2.29	1	6.287 588
Z 150	self-closing tap 1 1/2" for TZ 25				0.17	1	9.042 943

* with separate ventilation.

1



1 LLG-Trolleys, Stainless Steel

Made of CNS 18/10, material no. 1.4301, with micro-polished surface. All shelves are produced with an all round raised profile edge. This prevents anything from slipping over the edge. The shelves are welded to the car. The load capacity per shelf is 80 kg. A noise-insulation mat is mounted on the bottom side of each shelf. The round tubes at the front edges are used as handgrips.

The trolleys are equipped with galvanized steel castors (4 swivel castors, 2 with brakes, castor diam. 125mm) which are inserted in the tubular frame. Wall bumpers made of plastic (polyamide) on all four corners protect against damage.

Description	Width mm	Depth mm	Height mm	PK	Cat. No.
2 shelves, vertical spacing 585mm	900	600	950	1	9.148 101
3 Shelves, vertical spacing 275mm	900	600	950	1	9.148 104

2



6.312 923

Laboratory Trolleys, HDPE

Hard-wearing, sturdy, HDPE construction resists chemicals and routine knocks and scratches in use, ensuring a long working life.

Langkavel

- stable and high load bearing capacity, long life
- Load capacity per tray approx. 40 kg
- Trolley frame, square, beige
- not electrically conductive, easy to clean
- hygienic, high density polyethylene
- easy to assemble without screws, legs and bases can be recycled
- top tray has integral handles
- 4 rolls (10 cm diameter), 2 of them with brake locks

Type	Description	Colour	Width mm	Depth mm	Height mm	PK	Cat. No.
WTLK 26	2 trays	grey	460	610	660	1	6.312 923 2
WTLK 34	3 trays	grey	460	610	860	1	6.312 924
WTLK 42	3 trays	grey	460	610	1060	1	6.312 925

Further colours available on request.

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With tubs

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Minis



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...in different colors



...for heavy loads up to 250 kg with 2 or 3 shelves



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1 2 Laboratory Trolley clax Mobil comfort with Box



Stable, multi-use trolley with parking brake.
Push-button collapsing/unfolding.
Made in Germany.

Load capacity

Total: 60kg
Upper shelf: 20kg
Lower shelf: 40kg

Dimensions and weight

unfolded (L x W x H): 900 x 580 x 1020mm
collapsed (L x W x H): 710 x 550 x 190mm
Weight without box: 6.9 kg

Folding box dimensions

Inner dimensions (W x D x H): 335 x 495 x 258mm
Outer dimensions (W x D x H): 350 x 500 x 260mm

1



2



Type	PK	Cat. No.
Laboratory Trolley clax Mobil comfort, incl. 1 clax folding box, 46 litres	1	9.148 100

3



3 Clax folding box, 46 litres

Sturdy folding box, made of high-quality plastic, for use with the clax Mobil comfort laboratory trolley.

External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
350 x 500 x 260	335 x 495 x 258	1	9.148 099

4 Trolley, PP

Safe and easy transport of Folding and Euronormboxes with external dimension of 60x40cm. Weight 3.3kg, load capacity 200kg . High quality, smooth running castors.

4



Colour	PK	Cat. No.
blue	1	9.301 502

5 Bowl Trolleys

Trolley

- Blue-grey solid rubber (non-marking) tyres
- Welded frame for 85 or 100 litres plastic bowls
- Height with red bowl approx. 760 mm, with white bowl approx. 840mm
- 4 swivel castors with 75 mm diam.
- ball bearing mounted
- powder coated
- Carrying weight approx. 100 kg

Gorr

5



Bowl, red: PE, 85 litres

Bowl, white: PE, 100 litres

Description	Colour	Width mm	Depth mm	Height mm	PK	Cat. No.
Trolley	black-silver	500	750	720	1	9.148 300
Bowl	red	540	765	350	1	9.148 301
Bowl	white	540	900	400	1	9.148 302

➔ Suitable euronormboxes please see page 792

LLG-Lab Stool



The extra-large seat provides optimum comfort. The solid black plastic star base and the upholstery edge protector that runs all the way round guarantee a long working life. The practical gas spring system with easy ring control allows a comfortable seat height adjustment.

- Resistant to all of the usual disinfectants and chemicals.
- Seat upholstery made of artificial leather (soft and comfortable, washable and antibacterial) or soft-touch PU foam (extremely robust, washable and antibacterial) in black.
- Extra-large seat: Encourages healthy posture and upright seating in the laboratory.
- Round front edge of the seat: Prevents blocked circulation in the thighs.
- Seat height adjustment by gas spring.
- Practical ring release: The height adjustment can be operated comfortably and easily in sitting position.
- Solid black plastic star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can be easily and quickly adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany.

Type	Material	Description	Seat height adjustment mm	PK	Cat. No.
LLG-Lab Stool	PU foam	Castors	460 ... 630	1	6.287 757 ¹
LLG-Lab Stool	PU foam	Castors, foot ring	570 ... 850	1	6.314 807
LLG-Lab Stool	PU foam	Glides, foot ring	570 ... 850	1	6.287 759
LLG-Lab Stool	Artificial leather	Castors	460 ... 630	1	6.287 758
LLG-Lab Stool	Artificial leather	Glides, foot ring	570 ... 850	1	6.287 760 ²

1


6.287 757

2


6.287 760

LLG-Lab Chair



Entry model for healthy sitting! The permanent contact backrest provides best support when working sitting down in the laboratory. The generously proportioned seat and backrest with integrated lumbar support provide additional support and therefore offer best laboratory ergonomics.

- Minimal joints: Hygienic design for easy cleaning and disinfection
- Resistant to disinfectants and chemicals: Resistant to all of the usual disinfectants and chemicals.
- Seat and backrest upholstery made of artificial leather (soft and comfortable, washable and antibacterial) or soft-touch PU foam (extremely robust, washable and antibacterial) in black.
- Quick adjustment: Every function can be operated comfortably and easy in sitting position.
- Seat height adjustment by gas spring.
- Permanent contact backrest.
- Backrest adjustable in height and inclination.
- Solid black plastic star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can easily and quickly be adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany.

Accessories: Multifunctional armrests (pair): Adjustable in height, width and depth as well as swivelling.

Type	Material	Description	Seat height adjustment mm	PK Cat. No.
LLG-Lab Chair	PU Foam	Castors	440-620	1 6.287 750
LLG-Lab Chair	PU Foam	Glides, Foot Ring	580-850	1 6.287 751 1
LLG-Lab Chair	PU Foam	Stop and Go Castors, Foot Ring	620-890	1 6.287 752 2
LLG-Lab Chair	Artificial Leather	Castors	440-620	1 6.287 753 3
LLG-Lab Chair	Artificial Leather	Glides, Foot Ring	580-850	1 6.287 754
LLG-Lab Chair	Artificial Leather	Stop and Go Castors, Foot Ring	620-890	1 6.287 755
Armrests			-	1 6.287 756

1



6.287 751

2



6.287 752

3



6.287 753

LLG-Lab Standing Rest



The LLG-Lab Standing Rest is the practical solution for laboratory workplaces where people have to sit as well as to stand. To cope with this, it has a particularly wide range of heights that can be adjusted steplessly. Its ergonomic backrest and non-slip wave seat surface ensure that you feel completely safe and comfortable when you sit on it.

- Resistant to all of the usual disinfectants and chemicals.
- Seat upholstery made of soft-touch PU foam (extremely robust, washable and antibacterial) in black.
- Adheres to biosafety level BSL1 and BSL2 of the Directive for Biological Agents.
- GMP-conform.
- Rippled wave seat surface: Slip-resistant and offers a very good support and excellent ventilation.
- Integrated backrest: Best support of the lumbar region.
- Its low weight provides maximum mobility and easy handling in the laboratory.
- Seat height adjustment by gas spring.
- Seat swivel range of 360°.
- Solid black plastic star base, flat design.
- The chrome-plated foot ring provides support through the wide tread area and can be easily and quickly adjusted in height.

Type	Material	Description	Seat height adjustment	PK	Cat. No.
			mm		
LLG-Lab Standing Rest	PU Foam	Glides	510-780	1	6.288 956 ¹
LLG-Lab Standing Rest	PU Foam	Glides, Foot Ring	510-780	1	6.288 957 ²



6.288 956



6.288 957

Laboratory Chair Labsit



Labsit is the new chair for all kinds of laboratories. Its intelligent Flex function offers comfort and laboratory ergonomics with minimal adjustments required. Labsit has all the properties required for laboratory work and, at the same time, it is light and universally applicable. Labsit is therefore a laboratory specialist and all-rounder all in one.

- Minimal joints: Hygienic design for easy cleaning and disinfection.
- Resistant to disinfectants and chemicals: Resistant to all of the usual disinfectants and chemicals.
- Seat upholstery made of artificial leather (soft and comfortable, washable and antibacterial) or soft-touch PU foam (extremely robust, washable and antibacterial) in black.
- Suitable for cleanrooms: Certified for the use in cleanrooms category 3 in accordance with ISO 14644-1.
- Adheres to biosafety level BSL1, BSL2 and BSL3 of the Directive for Biological Agents, GMP-conform.
- The backrest made of plastic with its 3D-Flex function automatically adapts to the movements of the user and therefore follows the upper body when leaning back or turning sideways.
- The Flex function on the front edge of the seat supports the forward-angled working which is typical for laboratory work.
- Its low weight and integrated handle provide maximum mobility and easy handling in the laboratory.
- Seat height adjustment by gas spring.
- Solid polished aluminium star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can be easily and quickly adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany.

Accessories: Armrests (pair). Lab-Clip: The intelligent Lab-Clip enables Labsit to be easily, individually and quickly labelled, this creates order. Can be added or removed any time.

Type	Material	Description	Seat height adjustment mm	Colour	PK	Cat. No.
Lab Chair	Artificial Leather	Castors	450-650	Blue	1	6.287 729 ¹
Lab Chair	Artificial Leather	Castors	450-650	Anthracite	1	6.287 730
Lab Chair	Artificial Leather	Castors	450-650	Orange	1	6.287 731
Lab Chair	PU Foam	Castors	450-650	Blue	1	6.287 732
Lab Chair	PU Foam	Castors	450-650	Anthracite	1	6.287 733
Lab Chair	PU Foam	Castors	450-650	Orange	1	6.287 734
Lab Chair	Artificial Leather	Glides, Foot Ring	520-770	Blue	1	6.287 735
Lab Chair	Artificial Leather	Glides, Foot Ring	520-770	Anthracite	1	6.287 736
Lab Chair	Artificial Leather	Glides, Foot Ring	520-770	Orange	1	6.287 737 ²
Lab Chair	PU Foam	Glides, Foot Ring	520-770	Blue	1	6.287 738
Lab Chair	PU Foam	Glides, Foot Ring	520-770	Anthracite	1	6.287 739
Lab Chair	PU Foam	Glides, Foot Ring	520-770	Orange	1	6.287 740
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Blue	1	6.287 741
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Anthracite	1	6.287 742
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Orange	1	6.287 743
Lab Chair	Artificial Leather	Stop and Go Gastors, Foot Ring	560-810	Anthracite	1	6.310 404
Lab Chair	PU Foam	Stop and Go Gastors, Foot Ring	560-810	Blue	1	6.287 744
Lab Chair	PU Foam	Stop and Go Gastors, Foot Ring	560-810	Anthracite	1	6.287 745 ³
Lab Chair	PU Foam	Stop and Go Gastors, Foot Ring	560-810	Orange	1	6.287 746
Armrests					1	6.287 748
Clip		writable			1	6.287 749 ⁴

1



6.287 729

2



6.287 737

3



6.287 745

4



6.287 749

1 Laboratory stool Labsit, with castors

Bimos



The space-saving laboratory stool is a good solution for short-term sitting. The black integral foam cushion is very comfortable. The release ring enables infinitely variable seat height adjustment.

- Robust and washable
- Disinfectant-resistant
- Suitable for cleanrooms: Certified for the use in cleanrooms category 3 in accordance with ISO 14644-1
- Adheres to biosafety level BSL1, BSL2 and BSL3 of the Directive for Biological Agents
- GMP-conform
- Solid polished aluminium star base
- With certificate "Tested Safety" (GS mark)
- 10 years warranty, Made in Germany

Description	Seat height adjustment	PK	Cat. No.
	mm		
Lab Stool	450-650	1	6.287 747

1



2



7.671 311

Laboratory stool Labster, with castors

NEW

Bimos



The space-saving laboratory stool is a good solution for short-term sitting. The large seat, with artificial leather Skai cover, is very soft and comfortable. The ring release enables infinitely variable seat height adjustment.

- Washable
- Resistant to disinfectants
- Certified for the use in cleanrooms category 3 in accordance with ISO 14644-1
- GMP-conform
- Round, basalt grey, polyamide flat base plate
- Double castors for hard floors
- With certificate "Tested Safety" (GS mark)
- 5 years warranty, Made in Germany

Colour	Seat height adjustment	PK	Cat. No.
	mm		
Black	450 ... 650	1	7.671 311 2
Red	450 ... 650	1	6.275 991
White	450 ... 650	1	6.275 990

1 | 2 Laboratory Chair Neon

Bimos



Neon new generation laboratory chairs. Neon offers the best possible support for the body and excellent sitting comfort to wellbeing at work in the laboratory. Neon supports the forward-leaning sitting position that is often necessary for the laboratory work. So Neon is always the ideal solution for the laboratory, when a really comfortable chair is needed.

- Resistant to disinfectants and chemicals: Resistant to all of the usual disinfectants and chemicals.
- Seat and backrest upholstery made of artificial leather (soft and comfortable, washable and antibacterial) or soft-touch PU foam (extremely robust, washable and antibacterial) in black.
- Contaminant-free: No toxic substance and emission.
- Award winning for shape and sustainability. Neon is the first laboratory chair to be awarded the "Blue Angel" eco-label.
- Extra large, ergonomically designed backrest.
- Neon can be adjusted in every possible way to cater for different body sizes and weights on the one hand and the most varied activities on the other.
- The synchronous technology provides an active-dynamic sitting experience. The seat and backrest accompany the body as it moves.
- Innovative changeable upholstery system.
- The 1+1 system makes the change of upholstery very easy: The upholstery elements are simply placed on the chair and fixed with a click. .
- Seat height adjustment by gas spring.
- Synchronous technology including ergonomics package with seat height, seat inclination, seat depth and backrest height adjustment as well as weight regulation.
- Solid black aluminium star base, flat design.
- The chrome-plated foot ring for the high chairs provides support through the wide tread area and can be easily and quickly adjusted in height.
- With certificate "Tested Safety" (GS mark).
- 10 years warranty, Made in Germany

Accessories: Multifunktional armrests (pair): Adjustable in height, width and depth as well as swiveling.

Type	Material	Description	Seat height adjustment mm	Colour	PK Cat. No.
Lab Chair	Artificial Leather	Castors	450-620	Orange	1 6.287 721
Lab Chair	Artificial Leather	Castors	450-620	Grey	1 6.287 722 ³
Lab Chair	PU Foam	Castors	450-620	Orange	1 7.672 157 ⁴
Lab Chair	PU Foam	Castors	450-620	Grey	1 6.287 723
Lab Chair	Artificial Leather	Stop and Go Castors, Foot Ring	630-910	Orange	1 6.287 724 ⁵
Lab Chair	Artificial Leather	Stop and Go Castors, Foot Ring	630-910	Grey	1 6.287 725
Lab Chair	PU Foam	Stop and Go Castors, Foot Ring	630-910	Orange	1 6.287 726
Lab Chair	PU Foam	Stop and Go Castors, Foot Ring	630-910	Grey	1 6.287 727
Multifunktional Armrests					2 6.287 728

1



2



3



6.287 722

4



7.672 157

5



6.287 724

1



Complete Bubble

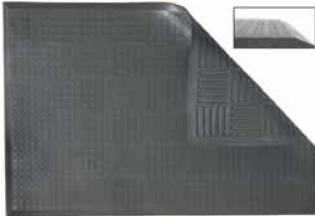
1 2 Mat Complete Bubble, Complete Smooth

Polyurethane anti-fatigue mat. The mat has a very good chemical and UV resistance.

Ergomat A/S

- Solid workstation mat with filled nubs
- Dimensions 600 x 900 mm
- Shaped bevelled edges
- Silicone und Latex-free
- Anti-static properties
- Suitable for use in cleanrooms of class ISO 5
- 5 years warranty

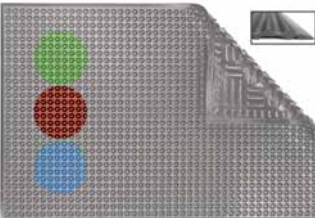
2



Complete Smooth

Description	Colour	Dimensions mm	Height mm	PK	Cat. No.
Complete Bubble	light grey	600 x 900	15	1	4.665 400
Complete Bubble	light grey	900 x 1200	15	1	4.665 401
Complete Smooth	grey	600 x 900	11	1	4.665 402
Complete Smooth	grey	900 x 1200	11	1	4.665 403

3



3 Mat Hygiene grey

Premium rubber anti-fatigue mat.

Ergomat A/S

- Shaped bevelled edges
- Silicone und Latex-free
- Suitable for use in cleanrooms of class ISO 5
- 3 years warranty

Description	Colour	Dimensions mm	Height mm	PK	Cat. No.
Hygiene grey	grey	600 x 900	11	1	4.665 404
Hygiene grey	grey	900 x 1200	11	1	4.665 406

4



4 Roller Steps, WEDO-Step

Manufactured from recyclable UV resistant polypropylene. Mounted on 3 castors allowing complete mobility which retract when stool is in use, providing a secure platform. No tools required for assembling. TÜV and GS approved.

Werner Dorsch

Colour	Int. diam. mm	Ext. diam. mm	Height mm	Max. load kg	PK	Cat. No.
Blue	290	440	430	150	1	9.700 400
Red	290	440	430	150	1	9.700 401
Light grey	290	440	430	150	1	6.055 095
White	290	440	430	150	1	6.239 322
Black	290	440	430	150	1	6.289 953
Grey	290	440	430	150	1	7.600 593

5



4.668 331

Folding steps K80

Made of aluminum, with large steel steps of 30 x 21 cm and anti-slip mats. Narrowly foldable to 5 cm.

Hailo

- Stands securely due to the non-slip plug-in foot that stands up over the entire surface.
- Folding safety mechanism (safety lock)
- Ergonomic square tube bracket
- Can be loaded up to 150 kg

Number of steps	Height*	Colour	PK	Cat. No.
2	46	black	1	4.668 331 5
3	69	black	1	7.623 704

* Height of first step (cm)

Flexible laboratory solutions made of steel.

Safe. Resistant. Hygienic.



Laboratory furniture



Fume cupboards



Safety cabinets



Service supply



1 Heavy-duty benches

Heavy-duty benches with a mobile TopResist® melamine worktop and one steel shelf.
Carring capacity: 200 kg.

Köttermann

Width mm	Height mm	Depth mm	PK	Cat. No.
1200	750	600	1	4.658 911
1500	750	600	1	4.658 912
1200	750	750	1	4.658 913
1500	750	750	1	4.658 914
1800	750	750	1	4.658 915
1200	900	600	1	4.658 916
1500	900	600	1	4.658 917
1200	900	750	1	4.658 918
1500	900	750	1	4.658 919
1800	900	750	1	4.658 920

Mobile underbench cabinets

Mobile underbench cabinets offer a maximum in adaptability. The castors can be locked if necessary. Mobile underbench cabinets are available with open fronts, hinged doors and/or drawers, and as office cabinets with pencil tray for sitting and standing work height (750 and 900 mm).

Köttermann

Description	Dimensions (W x D x H) mm	PK	Cat. No.
1 drawer 150mm, 1 drawer 300mm, pencil tray, hand., file, lockable	450 x 516 x 590	1	4.658 966
1 door, lockable	450 x 516 x 590	1	4.658 967
3 drawers 150mm, lockable	450 x 516 x 590	1	4.658 968
1 door, 1 shelf, lockable	450 x 516 x 740	1	4.658 969
1 door, 1 drawer 150mm, lockable	450 x 516 x 740	1	4.658 970
4 drawers 150mm, lockable	450 x 516 x 740	1	4.658 971
1 door, lockable	600 x 516 x 590	1	4.658 972
3 drawers 150mm, lockable	600 x 516 x 590	1	4.658 973
3 drawers 150mm, 1 pencil tray, lockable	600 x 516 x 590	1	4.658 974
1 door, 1 shelf, lockable	600 x 516 x 740	1	4.658 975
1 door, 1 drawer 150mm, lockable	600 x 516 x 740	1	4.658 976
4 drawers 150mm, lockable	600 x 516 x 740	1	4.658 977 ²
2 doors, lockable	900 x 516 x 590	1	4.658 978
2 doors, 1 shelf	900 x 516 x 740	1	4.658 979 ³
2 doors, 2 drawers 150mm, lockable	900 x 516 x 740	1	4.658 980

2



4.658 977

3



4.658 979

4

4 Benchtop Fume Hood

Designed for small facilities or installations in which a number of fume hoods are needed, this unit is excellent for use in schools, junior colleges and universities.

Bel-Art Products

- One-piece shell molded of chemical resistant polyethylene with rounded inside corners for easy cleaning
- Clear acrylic sash slides on a track featuring stop pins for open, closed or intermediate positions; bottom gap allows for continuous air flow
- Front opening (W x H): 560 x 300 mm
- Stepped exhaust duct can be used with either a 12 or 15cm diameter duct
- Overall dimensions (W x D X H): 690 x 330 x 560 mm
- Shipping weight: 17 kg



Description	PK	Cat. No.
Benchtop Fume Hood	1	6.284 935

Glove Boxes Vitrum/Pure/Air Stream

Front panel with two glove ports and one pair of gloves size 9, two lead-ins for cables on the back side (upper left and upper right). Transfer chamber with two doors, external door with latch to prevent accidental opening, the tray extends into the workspace with opening of the internal door for easy removal of inserted products.

SICCO

Specifications

Capacity Box:	290 l
Internal Dimensions Box (W x D x H):	850 x 540 x 650 mm
Max. Load Box:	40 kg
Inlet openings:	Ø 190 mm
Hinged lid opening (W x H):	850 x 425 mm
Capacity Transfer chamber:	24 l
Internal Dimensions Transfer chamber (W x D x H):	220 x 320 x 275 mm
Max. Load Transfer chamber:	3 kg
Power supply:	240 V, 50/60 Hz

1 Glove box Vitrum, borosilicate glass 3.3



Aluminium frame with panels made of borosilicate glass 3.3. The workspace is made of materials with good chemical resistance (aluminium, stainless steel, borosilicate glass) for handling of aggressive products. With gloves made of natural rubber. Workspace including two hose connectors for gas-filling and aeration and 2 x 5 m PVC tubing for gas-filling and 2 x 5 m PE aeration tubing. Transfer chamber with two doors, external door with latch to prevent accidental opening, the tray extends into the workspace with opening of the internal door for easy removal of inserted products.

SICCO

Working Temperature range: -20 ... 120 °C

Type	External dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
Vitrum	1210 x 600 x 700	20	1	6.266 223



2 Glove Box Pure, PMMA



Aluminium frame with panels made of acrylic glass (PMMA), base panel made of polyethylene. With gloves made of UV-resistant EPDM. Integrated ultraviolet lamp with life-time monitoring on the top side for air and surface disinfection in the workspace, exchangeable lamp. The ultraviolet lamp is an ozone-free radiation source that does not emit any radiation below 220 nm.

SICCO

Working Temperature Range: -20 - 70 °C

Type	External dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
Pure	1210 x 600 x 700	22	1	6.312 313



3 Glove Box Air Stream, PMMA



Aluminium frame with panels made of acrylic glass (PMMA), base panel made of polyethylene. With gloves made of natural rubber. Integrated HEPA filtering unit in the top side for a high-purity atmosphere in the workspace. Manometer to display the degree of filter saturation. Pipe sockets made of PE are included in delivery for converting to the different operating modes: internal air circulation, fresh air supply and exhaust. Exchangeable filter cartridge. Maintenance-free and trouble-free motor.

SICCO

Working Temperature range: -20 - 70 °C

Type	External dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
Air Stream	1210 x 660 x 1015	42	1	6.312 314



1



1 Fume Hood Workstations LABOPUR® H Series

Manipulation of liquid chemicals and powders where and when needed.

ECOSAFE

Advantages: eliminates installation costs, saves substantially capital and running costs, mobile and easy to relocate wherever needed; protects the user and environment against toxic fumes. Low Energy consumption: less than 200 KWh /year (for 2100 hours usage)

Choice of activated charcoal filters (Please order separately!):

- "ORG" filter for flammables and organics
- "CORG" filter suitable for the most common laboratory chemicals, for organic and corrosive vapors
- "FOR" filter for formaldehyde vapors
- "AMM" filter for ammonia vapors

Standard equipment:

- Built in 15/10 steel, covered with white Epoxy (RAL 9010) with blue stripes
- HPL or tempered glass worktop on removable retention tank (optional)
- Transparent PMMA glazed walls on all four sides for comfortable working or lectures
- Ergonomic hand traps or trapeze opening
- 4 protective caps for easy use of external supplies (e.g. power cables, water, gas)
- Air velometer; sampling outlet for reactive tube measurement

Recirculating air filter system (CLASS 2) and coal filters Norm NFX 15-211

- Noiseless fan: 57 dB(A), 220-240 V, 50 Hz, 10 W, 0.1 A
- Air flow: 170 m³/h; face velocity: 0.4 to 0.6 m/s
- Ventilation system with lighting control in case of system failure

Please choose fume hoods, charcoal filters, trolleys and accessories according to your needs. Delivered mounted.

The fume hood will be delivered without bottom retention tank and work top.

2 Fume Hoods LABOPUR® H Series

ECOSAFE

Type	External dimensions (W x D x H) mm	Weight kg	Description	PK	Cat. No.
H 70	455 x 455 x 605	25	2 hand traps	1	7.910 932
H 061D	600 x 650 x 950	41	2 hand traps, 1 filter unit	1	6.288 042
H 061Z	600 x 650 x 950	41	trapezoidal opening, 1 filter unit	1	6.288 043
H 091D	900 x 750 x 1160	67	2 hand traps, 1 filter unit	1	6.288 044
H 092D	900 x 750 x 1160	67	2 hand traps, 2 filter units	1	6.288 045
H 092Z	900 x 750 x 1160	67	trapezoidal opening, 2 filter units	1	6.288 046
H 121D	1200 x 750 x 1160	85	2 hand traps, 1 filter unit	1	6.288 047
H 122D	1200 x 750 x 1160	85	2 hand traps, 2 filter units	1	6.288 048
H 122Z	1200 x 750 x 1160	85	trapezoidal opening, 2 filter units	1	6.288 049
H 152D	1500 x 750 x 1160	102	2 hand traps, 2 filter units	1	6.288 050
H 152Z	1500 x 750 x 1160	102	trapezoidal opening, 2 filter units	1	6.288 051
H 153D	1500 x 750 x 1160	102	2 hand traps, 3 filter units	1	6.288 052
H 153Z	1500 x 750 x 1160	102	trapezoidal opening, 3 filter units	1	6.288 053
H 153G	1500 x 750 x 1160	102	larger trapezoidal opening, 3 filter units	1	6.288 054

2



1 Charcoal Filters for Ductless Fume Hoods LABOPUR® H Series

Charcoal filter "ORG": for organic vapors
 Charcoal filter "CORG": for organic and corrosive vapors
 (suitable for the most common laboratory chemicals)
 HEPA filter "HEP": for Particle
 Frame for HEPA filter "SH"

ECOSAFE



For models (H092D, H092Z, H122D, H122Z, H152D, H152Z) with 2 fans, please order 2 charcoal filters or rather HEPA filters with additional frame.

For models (H153D, H153Z, H153G) with 3 fans, please order 3 charcoal filters or rather HEPA filters with additional frame.

For model	Type	PK	Cat. No.
H50, H60, H70	CORG51	1	4.007 805
H200, H201, H210, H211, H061D, H061Z, H091D, H092D, H092Z, H121D, H122D, H122Z, H152D, H152Z, H153D, H153Z, H153G	CORG201	1	4.007 802
H300, H301, H400, H401, H1300, H1301, H2300, H2301	CORG1301	1	4.007 801
H3500, H3501	CORG3501	1	4.007 804
H201, H211, H061D, H061Z, H091D, H092D, H092Z, H121D, H122D, H122Z, H152D, H152Z, H153D, H153Z, H153G	HEP200	1	6.252 313
H401, H411	HEP400	1	6.261 238
H301, H311, H401, H411, H1301, H1311, H2301, H2311	HEP300	1	6.270 348
H501, H511, H1501, H1511, H2501, H2511, H3501, H3511	HEP500	1	6.280 880
H3501, H3511	HEP3500	1	6.280 453
H50, H60, H70	ORG50	1	9.840 202
H201, H211, H061D, H061Z, H091D, H092D, H092Z, H121D, H122D, H122Z, H152D, H152Z, H153D, H153Z, H153G	ORG200	1	4.007 817
H300, H301, H400, H401, H1300, H1301, H2300, H2301	ORG1300	1	4.007 816
H3500, H3510, H3501, H3511	ORG3500	1	4.007 819
H200, H201, H210, H211, H061D, H061Z, H091D, H092D, H092Z, H121D, H122D, H122Z, H152D, H152Z, H153D, H153Z, H153G	SH200	1	6.264 727

2 Workstation with Deaerated Storage Cabinet LABOPUR® H Series Package

Manipulation and storage in the laboratory: all in one.

ECOSAFE

The storage cabinet is connected to the fume hood in order to extract and absorb the toxic fumes from both items. The self-contained system provides mobility, security and highly reduces running costs. No ductwork or exhaust system required, no discharge of toxic gases to the environment. No heating or cooling of air.

Technical specifications of the cabinet:

- Built in steel 15/10, white Epoxy paint (RAL 9010) pictogram ISO 3864, EU 92/58/CEE
- Self-closing wing doors, locking system
- 1 height-adjustable retention shelf, 1 retention tank
- 4 castors (height of castors: 70 mm)
- Vent grids in the lower part, connection element to the fume hood

LABOPUR® Workstation supplied with:

- Ventilated storage cabinet
- Fume hood with recirculating air filtration system CLASSE 2, certified Norm NF X 15-211, May 2009
- Charcoal filter "CORG": absorbs inorganic/organic acids vapors and organic preparations and solvents
- Containment sump + melamine wotktop (tempered glass available on request)
- Connecting kit between the fume hood and the safety cabinet below



Type	External dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
PMSF061Z	615 x 630 x 1840	85	1	6.288 067
PMSF092Z	915 x 780 x 1950	121	1	6.288 068
PMSF122Z	1215 x 780 x 1950	159	1	6.288 069
PMSF152Z	1520 x 780 x 1950	178	1	6.288 070
PMSF153Z	1520 x 780 x 1950	190	1	6.288 071

1


1 Ductless Fume Hoods Type Ascent Opti™

Compact, energy saving fume hood without ducting system.

ESCO

- Independently tested and complies with AFNOR NFX 15-211 standard
- Average Inflow Air Velocity: 0.5m/s
- Easy Filter change
- Sentinel-Microprocessor with LCD-Display, air velocity alarm and 24-hour-clock
- Fluorescent lighting provides superior illumination of the work zone
- Sloped acrylic front window
- With transparent back wall (for type SPD-4B1)
- Acrylic side walls
- ISOCIDE™ antimicrobial coating on all painted surfaces minimises contamination.
- Stainless steel spill-retaining work top.
- Sampling port
- Pass-through ports in the back wall
- Pre-filter made of polyester fibre, EU3 rating is included

Hood is delivered unassembled. On-site assembly can be completed in 60 mins. Without special tools.

Options on request:

Support stands, installation

For operation the main filters have to be ordered separately.

Type	Size	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
SPD-4A1	1.2 m	1140 x 700 x 1125	1116 x 651 x 855	1	4.658 854
SPD-4B1	1.2 m	1140 x 700 x 1125	1116 x 651 x 855	1	4.676 174

Main filters for Ductless Fume Hoods Type Ascent Opti™

ESCO

Type	Description	For	PK	Cat. No.
CFA-4	Standard filter	Ascent Opti™, 1,2 m	1	6.286 430
CFB-4	Acid filter	Ascent Opti™, 1,2 m	1	4.669 324
CFC-4	Mercury filter	Ascent Opti™, 1,2 m	1	4.669 325
CFD-4	Sulphur filter	Ascent Opti™, 1,2 m	1	4.669 326
CFE-4	Halogen filter	Ascent Opti™, 1,2 m	1	4.669 327
CFF-4	Aldehyde filter	Ascent Opti™, 1,2 m	1	4.669 328
CFG-4	Ammonia / Amine filter	Ascent Opti™, 1,2 m	2	6.311 106
CFH-4	Ether / Chloroform filter	Ascent Opti™, 1,2 m	1	4.669 329
CFA-6	Standard filter	Ascent Opti™, 0,9 m	1	6.286 270
CFB-6	Acid filter	Ascent Opti™, 0,9 m	1	4.669 330
CFC-6	Mercury filter	Ascent Opti™, 0,9 m	1	4.669 331
CFD-6	Sulphur filter	Ascent Opti™, 0,9 m	1	4.669 332
CFE-6	Halogen filter	Ascent Opti™, 0,9 m	1	4.669 333
CFF-6	Aldehyde filter	Ascent Opti™, 0,9 m	1	4.669 334
CFG-6	Ammonia / Amine filter	Ascent Opti™, 0,9 m	1	4.669 335
CFH-6	Ether / Chloroform filter	Ascent Opti™, 0,9 m	1	4.669 336

2


2 Chemical laboratory exhaust APA

- Safe handling of chemicals, protection from hazardous vapours and potentially explosive atmospheres
- Suitable for Pharmacies
- Easily mounted on a table top
- Robust construction made of chemically resistant, antibacterial powder-coated sheet steel
- Testing of the air equipment by recognized test institute

asecos

Standard equipment:

- Exhaust air fan
- Monitoring electronics with visual and audible alarm
- Stepless height adjustable front sash made from acrylic glass
- Workplace light
- 2 sockets

Type	External dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
APA.145.090	900 x 600 x 1460	74	1	6.256 393
APA.145.075	750 x 600 x 1460	84	1	6.257 135

1 Ductless Fume Hoods Type Ascent™ Max

Compact, energy saving fume hood without ducting system.

ESCO

- Independently tested and complies with AFNOR NFX 15-211 standard
- Easy Filter Change
- Average Inflow Air Velocity: 0.4m/s
- Sentinel-Microprocessor with LCD-Display, air velocity alarm and 24-hour-clock
- Fluorescent lighting provides superior illumination of the work zone
- Tempered glass sliding sash
- Tempered glass side panel
- ISOCIDE™ antimicrobial coating on all painted surfaces minimizes contamination.
- Stainless steel worktop

Model variations:

Model type B: Pre-filter, main filter (activated carbon, different filter types available)

Model type C: Pre-filter, main filter (activated carbon, different filter types available), back-up filter (activated carbon, different filter types available)

Model type E: Pre-filter, main filter (activated carbon, different filter types available), back-up filter (HEPA filter)

Options on request:

Filter, electrical outlet, VOC sensor, service fixture, swan-neck faucet, Drip Cup (PP), support stand, installation

For operation the main filters and the back-up filter (Modell type C) have to be ordered separately.

Type	Size	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	PK	Cat. No.
ADC-2B1	0.6 m	730 x 736 x 1460	660 x 596 x 765	1	4.658 982
ADC-3B1	0.9 m	1035 x 736 x 1455	965 x 596 x 765	1	4.658 983
ADC-4B1	1.2 m	1340 x 736 x 1455	1268 x 596 x 765	1	4.658 984
ADC-5B1	1.5 m	1645 x 736 x 1455	1575 x 596 x 765	1	4.658 985
ADC-6B1	1.8 m	1950 x 736 x 1455	1880 x 596 x 765	1	4.658 986
ADC-3C1	0.9 m	1035 x 736 x 1455	965 x 596 x 765	1	4.658 987
ADC-4C1	1.2 m	1340 x 736 x 1455	1268 x 596 x 765	1	4.658 989
ADC-5C1	1.5 m	1645 x 736 x 1455	1575 x 596 x 765	1	4.658 990
ADC-6C1	1.8 m	1950 x 736 x 1455	1880 x 596 x 765	1	4.658 991
ADC-3E1	0.9 m	1035 x 736 x 1455	965 x 596 x 765	1	4.658 992
ADC-4E1	1.2 m	1340 x 736 x 1455	1268 x 596 x 765	1	4.658 996
ADC-5E1	1.5 m	1645 x 736 x 1455	1575 x 596 x 765	1	4.658 997

1



➔ More safety cabinets please see chapter 13.

➔ Suitable Filters - please see page 286.

Main filters for Ductless Fume Hoods Type Ascent™ Max



ESCO

Type	Description	For	PK	Cat. No.
CFA-11	Standard filter	ADC-2B	1	6.272 630
CFB-11	Acid filter	ADC-2B	1	4.678 462
CFC-11	Mercury filter	ADC-2B	1	4.678 463
CFD-11	Sulphur filter	ADC-2B	1	4.678 464
CFE-11	Halogen filter	ADC-2B	1	4.678 465
CFF-11	Aldehyde filter	ADC-2B	1	4.678 466
CFG-11	Ammonia / Amine filter	ADC-2B	1	4.678 467
CFH-11	Ether / Chloroform filter	ADC-2B	1	4.678 468
CFA-1	Standard filter	ADC-3B/C/D/E	1	6.272 951
CFB-1	Acid filter	ADC-3B/C/D/E	1	6.275 961
CFC-1	Mercury filter	ADC-3B/C/D/E	1	4.678 447
CFD-1	Sulphur filter	ADC-3B/C/D/E	1	4.678 448
CFE-1	Halogen filter	ADC-3B/C/D/E	1	4.678 449
CFF-1	Aldehyde filter	ADC-3B/C/D/E	1	4.678 450
CFG-1	Ammonia / Amine filter	ADC-3B/C/D/E	1	7.939 181
CFH-1	Ether / Chloroform filter	ADC-3B/C/D/E	1	4.678 451
CFA-2	Standard filter	ADC-4B/C/D/E	1	4.664 626
CFB-2	Acid filter	ADC-4B/C/D/E	1	6.312 417
CFC-2	Mercury filter	ADC-4B/C/D/E	1	4.678 452
CFD-2	Sulphur filter	ADC-4B/C/D/E	1	4.678 453
CFE-2	Halogen filter	ADC-6B/C/D/E	1	4.664 140
CFF-2	Aldehyde filter	ADC-6B/C/D/E	1	7.939 201
CFG-2	Ammonia / Amine filter	ADC-6B/C/D/E	1	4.678 454
CFH-2	Ether / Chloroform filter	ADC-6B/C/D/E	1	4.678 455
CFA-3	Standard filter	ADC-5B/C/D/E	1	6.272 953
CFB-3	Acid filter	ADC-5B/C/D/E	1	4.678 456
CFC-3	Mercury filter	ADC-5B/C/D/E	1	4.678 457
CFD-3	Sulphur filter	ADC-5B/C/D/E	1	6.290 675
CFE-3	Halogen filter	ADC-5B/C/D/E	1	4.678 458
CFF-3	Aldehyde filter	ADC-5B/C/D/E	1	4.678 459
CFG-3	Ammonia / Amine filter	ADC-5B/C/D/E	1	4.678 460
CFH-3	Ether / Chloroform filter	ADC-5B/C/D/E	1	4.678 461

Further models can be found in our online shop.

Back-up filters for Ductless Fume Hoods Type Ascent™ Max



ESCO

Type	Description	For	PK	Cat. No.
CFA-7	Standard filter	ADC-3C	1	6.258 408
CFB-7	Acid filter	ADC-3C	1	7.939 217
CFC-7	Mercury filter	ADC-3C	1	4.678 469
CFD-7	Sulphur filter	ADC-3C	1	4.678 470
CFE-7	Halogen filter	ADC-3C	1	4.678 471
CFF-7	Aldehyde filter	ADC-3C	1	4.678 472
CFG-7	Ammonia / Amine filter	ADC-3C	1	6.265 311
CFH-7	Ether / Chloroform filter	ADC-3C	1	4.678 473
CFA-8	Standard filter	ADC-4C	1	4.678 474
CFB-8	Acid filter	ADC-4C	1	6.259 546
CFC-8	Mercury filter	ADC-4C	1	4.678 475
CFD-8	Sulphur filter	ADC-4C	1	4.678 476
CFE-8	Halogen filter	ADC-4C	1	4.678 477
CFF-8	Aldehyde filter	ADC-4C	1	7.642 799
CFG-8	Ammonia / Amine filter	ADC-4C	1	4.678 478
CFH-8	Ether / Chloroform filter	ADC-4C	1	4.678 479
CFA-9	Standard filter	ADC-5C	1	6.312 551
CFB-9	Acid filter	ADC-5C	1	4.678 480
CFC-9	Mercury filter	ADC-5C	1	4.678 481
CFD-9	Sulphur filter	ADC-5C	1	4.678 482
CFE-9	Halogen filter	ADC-5C	1	4.678 483
CFF-9	Aldehyde filter	ADC-5C	1	4.678 484
CFG-9	Ammonia / Amine filter	ADC-5C	1	4.678 485
CFH-9	Ether / Chloroform filter	ADC-5C	1	4.678 486
CFA-10	Standard filter	ADC-6C	1	4.678 487
CFB-10	Acid filter	ADC-6C	1	4.678 488
CFC-10	Mercury filter	ADC-6C	1	4.678 489
CFD-10	Sulphur filter	ADC-6C	1	4.678 490
CFE-10	Halogen filter	ADC-6C	1	4.678 491
CFF-10	Aldehyde filter	ADC-6C	1	4.678 492
CFG-10	Ammonia / Amine filter	ADC-6C	1	7.939 346
CFH-10	Ether / Chloroform filter	ADC-6C	1	4.678 493

Further models can be found in our online shop.

1 Underbench Cabinet with Refrigerating Unit

1

- Safe and approved cooled storage of hazardous materials in workrooms
- Type proofed according to DIN EN 14470-1, fire resistance 90 minutes
- Mobile: integrated castors with plinth, easy moving of the cabinet
- Convenient handling: drawer can be opened with minimal effort
- Safe access to all containers: interior of the drawer is completely visible,
- Convenient: drawer remains open in any position, self-closing in the event of a fire
- No unauthorised use: drawer is lockable with cylinder locking and locking state indicator (red/green)
- Quickly put into operation: integrated technical recirculating air system with multi-stage filter system and power cord
- 7-Segment/LED-Display: function monitoring directly in view. Display shows the refrigeration temperature (TARGET/ ACTUAL), air exchange rate and filter saturation, easy setting of the required temperature
- High flexibility in choosing the installation location
- Active personal protection through safe capture of harmful vapours with retention in the filter system
- VDE tested electronic monitoring system with visual and audible alarm including potential-free alarm contact
- Safe, permanent min. 10-fold air exchange, no areas inside and outside of the cabinets are at risk of explosion
- Maximum refrigeration temperature of +2 °C (with max. 25 °C room temperature)

asecos



Scope of delivery: Model UB90.060.110.KU.S incl. drawer made of stainless steel, load capacity 50 kg

Specifications

Outer dimensions (W x D x H):	1108 x 574 x 631 mm
Inner dimensions (W x D x H):	770 x 440 x 484 mm
Drawer (W x D x H):	422 x 369 x 80 mm

Description	PK	Cat. No.
Underbench cabinet with refrigerating unit UB90.060.110.KU.S incl. drawer with stainless steel sump and castors with plinth H=30 mm	1	6.267 271
Perforated insert (stainless steel) for sump	1	6.267 273
Second level drawer (perforated plate) made of stainless steel	1	6.267 272

Underbench Cabinets

2

- Safe and approved storage of hazardous materials in workrooms
- Type proofed according to DIN EN 14470-1, fire resistance 90 minutes, GS approved, CE conformal
- Mobile: integrated castors with plinth, easy moving of the cabinet
- Quickly put into operation: integrated air ducts ready for connection (NW 50) to a technical exhaust system
- Safe access to all containers: interior of the drawer is completely visible, 135° opening of the wing doors
- Convenient: doors and drawer remain open in any position
- Safety: drawer standard fitted with earthing wire incl. clamp and with seal welded sump, doors and drawer are self-closing in the event of a fire
- No unauthorised use: doors and drawer are lockable with cylinder locking and locking state indicator (red/green)

asecos



6.267 275

Scope of delivery: Models UB90.060.059.S and UB90.060.110.S incl. drawer with sump and perforated insert, Model UB90.060.059.T incl. bottom collecting sump and perforated insert as a storage level

Further cabinet versions available on request.

Specifications

Outer dimensions (W x D x H)	
UB90.060.059.S/UB90.060.059.T:	593 x 574 x 600 mm
UB90.060.110.S/UB90.060.110.2T:	1102 x 574 x 600 mm
Inner dimensions (W x D x H)	
UB90.060.059.S/UB90.060.059.T:	470 x 450 x 500 mm
UB90.060.110.S/UB90.060.110.2T:	980 x 450 x 500 mm
Sump (W x D x H)	
UB90.060.059.S:	422 x 441 x 80 mm
UB90.060.110.S:	930 x 441 x 80 mm

Description	PK	Cat. No.
Underbench cabinet with drawer UB90.060.059.S	1	6.267 275 2
Underbench cabinet with door UB90.060.059.T	1	7.671 305
Underbench cabinet with drawer UB90.060.110.S	1	6.263 207
Additional shelf for model UB90.060.059.T	1	6.267 277
Additional shelf for model UB90.060.110.2T	1	6.267 278

Safety Storage Cabinets V-Move 90

The space saving vertical drawer Safety storage cabinets provide an overview and simple access to the stored containers. Safe and approved storage of flammable hazardous substances in working areas.

asecos

- Space saving vertical drawer
- Robust construction and longevity: stable, high quality and scratch proof cabinet body with powder-coated surface
- Electronic opening and closing
- Standard serial closing after approx. 60 seconds with visual and acoustic signal for drawer closure
- Lockable with cylinder lock (integration in an existing locking system possible) and locking state indicator (red/green)
- Adjusting aids to compensate for uneven floor
- Integrated air ducts ready for connection (DN 75) to a exhaust system
- Guard rail system (option)
- 2 different colour versions available: Light grey RAL 7035 and Pure white RAL 9010

Scope of supply versions:

- 1) Cabinet without interior equipment
- 2) Cabinet with 4 x shelves (2.5-l bottles), 1 x perforated insert, 1 x bottom collecting sump
- 3) Cabinet with 5 x shelves (1-l bottles), 1 x perforated insert, 1 x bottom collecting sump
- 4) Cabinet left/right: 4 x shelves (2.5-l bottles), 1 x perforated insert, 1 x bottom collecting sump
- 5) Cabinet left/right with 5 x shelves (1-l bottles), 1 x perforated insert, 1 x bottom collecting sump
- 6) Cabinet left: 4 x shelves (2.5-l bottles), 1 x perforated insert, 1 x bottom collecting sump, right: 5 x shelves (1-l bottles), 1 x perforated insert, 1 x bottom collecting sump

Option:

- Recirculating air filter system with exhaust air monitoring (Cat. No. 9.840 650)
- Ventilation system with exhaust air monitoring (Cat. No. 6.238 986)
- Ventilation system without exhaust air monitoring (Cat. No. 9.840 616)

Specifications

Outer dimensions (W x D x H):

Internal dimensions (W x D x H):

Net weight (corpus):

V90.196.045.VDAC // V90.196.081.VDAC

450 x 863 x 1966 mm // 819 x 863 x 1966 mm

331 x 773 x 1750 mm // 701 x 773 x 1750 mm

344 kg // 500 kg

Type	Version	Colour	PK	Cat. No.
V90.196.045	1	Light grey	1	6.291 072
V90.196.045	2	Light grey	1	6.310 090
V90.196.045	3	Light grey	1	4.662 147 ¹
V90.196.045	1	Pure white	1	6.291 071
V90.196.045	2	Pure white	1	4.662 146
V90.196.045	3	Pure white	1	6.290 792
V90.196.081	1	Light grey	1	6.291 078
V90.196.081	4	Light grey	1	4.662 145
V90.196.081	5	Light grey	1	4.662 144
V90.196.081	6	Light grey	1	4.662 143
V90.196.081	1	Pure white	1	6.291 079
V90.196.081	4	Pure white	1	4.662 142
V90.196.081	5	Pure white	1	4.662 141 ²
V90.196.081	6	Pure white	1	4.662 140

1



4.662 147

2



4.662 141

Safety Storage Cabinets Q-PEGASUS-90 with Wing Doors

- Safe and approved storage of hazardous materials in workrooms asescos
- Type proved according to EN 14470-1, fire resistance 90 minutes
- GS-approved
- Outer body made of sheet steel, interior with chemical resistant surface, colour: body anthracite grey RAL 7016, doors light grey (RAL 7035), door colour pure white(RAL 9010) available on request
- Convenient handling: one-hand operation for double-door cabinets (AGT)
- Standard door open arrest system holds doors open, safe and convenient storage and removal
- Serial automatic door closing (TSA) releases arrested doors after approx. 60 seconds. Acoustic and visual signal before closing
- Lockable doors with cylinder lock (integration into a locking system possible), integrated locking state indicator (red/green)
- Integrated transport base with removable, optional base cover, easy indoor transport
- Adjusting aids for compensation for uneven floor
- Ventilation connection (NW 75) in the cabinet ceiling

Shelves, height adjustable (32 mm increments), load capacity 75 kg (evenly distributed load), bottom collecting sump with perforated insert as a first storage level. Capacity bottom collecting sump: 33 litre (model width 1200 mm), 22 litre (model width 600 mm)

Supplied with: Safety Storage Cabinet Q-PEGASUS-90 Model Q90.195.120.WDAC or Q90.195.060.WDAC incl. interior equipment with 3 shelves, bottom collecting sump with perforated insert

Option:

- Recirculating air filter system with exhaust air monitoring (Cat. No. 9.840 650)
- Ventilation system with exhaust air monitoring (Cat. No. 6.238 986)
- Ventilation system without exhaust air monitoring (Cat. No. 9.840 616)

A wide variety of cabinet versions is available. Please enquire.

Specifications

Outer dimensions (W x D x H)	
Q90.195.120.WDAC:	1193 x 615 x 1953mm
Q90.195.060.WDAC:	599 x 615 x 1953mm
Inner dimensions (W x D x H)	
Q90.195.120.WDAC:	1050 x 522 x 1647mm
Q90.195.060.WDAC:	450 x 522 x 1647mm
Shelf dimensions (W x D x H)	
Q90.195.120.WDAC:	1040 x 432 x 30mm
Q90.195.060.WDAC:	440 x 432 x 30mm
Weight	
Q90.195.120.WDAC:	434kg
Q90.195.060.WDAC:	265kg

Description	PK	Cat. No.
Safety storage cabinet Q90.195.120.WDAC	1	9.840 681 ¹
Safety storage cabinet Q90.195.060.WDAC	1	9.840 682 ²
Plinth panel for Safety storage cabinet Q90.195.120.WDAC	1	9.840 700
Plinth panel for Safety storage cabinet Q90.195.60.WDAC	1	9.840 699

1



9.840 681

2



9.840 682

1


9.840 696

Safety Storage Cabinets S-PHOENIX Vol. 2-90 with Folding Doors

- safe and approved storage of hazardous materials in workrooms
- Approved according to EN 14470-1, fire resistance 90 minutes
- GS-approved
- outer body made of sheet steel in light grey (RAL 7035), interior with chemical resistant surface
- space saving folding doors, less required space in front of the cabinet while doors are open
- convenient handling - one-hand operation for double-door cabinets (AGT)
- standard door open arrest system holds doors open, safe and convenient storage and removal
- serial automatic door closing (TSA) releases arrested doors after approx. 60 seconds. Acoustic and visual signal before closing
- lockable doors with cylinder lock (integration into a locking system possible)
- adjusting aids for compensation of uneven floor
- ventilation connection (NW 75) in the cabinet ceiling

asecos

Model S90.196.120.FDAC and Model S90.196.060.FDAC with shelves:

Shelves, height adjustable (32 mm increments), load capacity 75 kg (evenly distributed load), bottom collecting sump with or without perforated insert as a first storage level

Capacity bottom collecting sump: 33 litre (model width 1200 mm), 22 litre (model width 600 mm)

Model S90.196.120.FDAC and Model S90.196.060.FDAC with drawer:

Large storage capacity, optimal to maximize storage space, ideal for the storage of containers < 5 litre

Model width 1200 mm: self-closing in the event of fire, load capacity: 60 kg (evenly distributed), capacity 30 litre

Model width 600 mm: permanent self-closing, load capacity: 25 kg (evenly distributed), capacity 5 litre

Option:

- Recirculating air filter system with exhaust air monitoring (Cat. No. 9.840 650)
- Ventilation system with exhaust air monitoring (Cat. No. 6.238 986)
- Ventilation system without exhaust air monitoring (Cat. No. 9.840 616)

A wide variety of cabinet versions is available. Please enquire.

2


9.840 697

Specifications

Outer dimensions (W x D x H)

S90.196.120.FDAC: 1196 x 616 x 1968mm

S90.196.060.FDAC: 596 x 616 x 1968 mm

Inner dimensions (W x D x H)

S90.196.120.FDAC: 1050 x 524 x 1742mm

S90.196.060.FDAC: 450 x 524 x 1742mm

Shelf (W x D x H)

S90.196.120.FDAC: 1040 x 432 x 30mm

S90.196.060.FDAC: 440 x 432 x 30 mm

Drawer (W x D x H)

S90.196.120.FDAC: 844 x 488 x 90mm

S90.196.060.FDAC: 345 x 500 x 50mm

Weight

S90.196.120.FDAC: 420kg

S90.196.060.FDAC: 260kg

Type	Description	Material	PK	Cat. No.
S90.196.120FDAC	3 shelves, perforated insert, 1 bottom collecting sump	steel	1	6.262 417
S90.196.120FDAC	3 shelves, 1 bottom collecting sump	steel	1	9.840 695
S90.196.120FDAC	4 shelves, 1 bottom collecting sump	steel	1	6.280 330
S90.196.120FDAC	5 shelves, 1 bottom collecting sump	steel	1	7.639 227
S90.196.120FDAC	6 drawers, 1 bottom collecting sump	steel	1	9.840 696 1
S90.196.120FDAC	3 shelves, perforated insert, 1 bottom collecting sump	stainless steel	1	6.286 226
S90.196.60FDAC	4 shelves, perforated insert, 1 bottom collecting sump	steel	1	7.639 691
S90.196.60FDAC	3 shelves, 1 bottom collecting sump	steel	1	9.840 697 2
S90.196.60FDAC	6 drawers, 1 bottom collecting sump	steel	1	9.840 698

Safety Storage Cabinets Q-CLASSIC-30 with Wing Doors

asecos

- safe and approved storage of hazardous materials in workrooms
- type proved according to EN 14470-1, fire resistance 90 minutes
- GS-approved
- outer body made of flame retardant, melamine coated special plates, door front made of sheet steel with structured paint finish, colour: body anthracite grey (similar to RAL 7016), doors light grey (RAL 7035), door colour pure white (RAL 9010) available on request
- easy handling with comfort: doors stop in any position, self-closing in the event of fire
- standard door open arrest system holds doors open, safe and convenient storage and removal
- integrated transport base for an easy indoor transport
- removable base cover with integrated adjusting aids optional
- lockable doors with cylinder lock (integration into a locking system possible)
- ventilation connection (NW 75) in the cabinet ceiling

Shelves, height adjustable (32 mm increments), load capacity 75 kg (evenly distributed load), bottom collecting sump with perforated insert as a first storage level. Capacity bottom collecting sump: 33 litre (model width 1200 mm), 22 litre (model width 600 mm)

Supplied with: Safety Storage Cabinet Q-CLASSIC-30 Model Q30.195.116 or Q30.195.056 incl. interior equipment with 3 shelves, bottom collecting sump with perforated insert

Option:

- Recirculating air filter system with exhaust air monitoring (Cat. No. 9.840 650)
- Ventilation system with exhaust air monitoring (Cat. No. 6.238 986)
- Ventilation system without exhaust air monitoring (Cat. No. 9.840 616)

A wide variety of cabinet versions is available. Please enquire.

Specifications

Outer dimensions (W x D x H)	
Q30.195.116:	1164 x 620 x 1947mm
Q30.195.056:	564 x 615 x 1947mm
Inner dimensions (W x D x H)	
Q30.195.116:	1050 x 519 x 1626mm
Q30.195.056:	450 x 519 x 1626mm
Shelf dimensions (W x D x H)	
Q30.195.116:	1040 x 432 x 30mm
Q30.195.056:	440 x 432 x 30mm
Weight	
Q30.195.116:	240kg
Q30.195.056:	146kg

Description	PK	Cat. No.
Safety Storage Cabinet Q30.195.116	1	9.840 693 1
Safety Storage Cabinet Q30.195.056	1	9.840 694 2

1



9.840 693

2



9.840 694

1



6.260 928

Safety Storage Cabinets S-CLASSIC-90 with Wing Doors

- safe and approved storage of hazardous materials in workrooms
- type proved according to EN 14470-1, fire resistance 90 minutes
- GS-approved
- outer body made of sheet steel, colour light grey (RAL 7035), interior with chemical resistant surface
- lockable doors with cylinder lock (integration into a locking system possible)
- adjusting aids for compensation for uneven floor
- ventilation connection (NW 75) in the cabinet ceiling
- standard door open arrest system holds doors open, safe and convenient storage and removal

asecos

Shelves, height adjustable (32 mm increments), load capacity 75 kg (evenly distributed load), bottom collecting sump with perforated insert as a first storage level. Capacity bottom collecting sump: 33 litre (model width 1200 mm), 22 litre (model width 600 mm).

Supplied with: Safety Storage Cabinet S-CLASSIC-90 Model S90.196.120.WDAS or S90.196.060.WDAS incl. interior equipment with 3 shelves, bottom collecting sump with perforated insert

Option:

- Recirculating air filter system with exhaust air monitoring (Cat. No. 9.840 650)
- Ventilation system with exhaust air monitoring (Cat. No. 6.238 986)
- Ventilation system without exhaust air monitoring (Cat. No. 9.840 616)

A wide variety of cabinet versions is available. Please enquire.

2



9.840 690

Specifications

Outer dimensions (W x D x H)

S90.196.120.WDAS:	1196 x 616 x 1968mm
S90.196.090.WDAS:	896 x 616 x 1968 mm
S90.196.060.WDAS:	596 x 616 x 1968 mm

Inner dimensions (W x D x H)

S90.196.120.WDAS:	1050 x 524 x 1742mm
S90.196.090.WDAS:	750 x 524 x 1742 mm
S90.196.060.WDAS:	450 x 524 x 1742mm

Shelf dimensions (W x D x H)

S90.196.120.WDAS:	1040 x 432 x 30mm
S90.196.090.WDAS:	740 x 432 x 30 mm
S90.196.060.WDAS:	440 x 432 x 30mm

Weight

S90.196.120.WDAS:	420kg
S90.196.090.WDAS:	310kg
S90.196.060.WDAS:	260kg

Description	PK	Cat. No.
Safety Storage Cabinets S90.196.120.WDAS, light grey*	1	9.840 689
Safety Storage Cabinets S90.196.120.WDAS, light grey	1	6.260 928 1
Safety Storage Cabinets S90.196.120.WDAS, warning yellow	1	6.270 910
Safety Storage Cabinets S90.196.090.WDAS, light grey	1	6.286 539
Safety Storage Cabinets S90.196.090.WDAS, warning yellow	1	6.286 540
Safety Storage Cabinets S90.196.060.WDAS, light grey*	1	9.840 690 2
Safety Storage Cabinets S90.196.060.WDAS, light grey	1	6.269 868
Safety Storage Cabinets S90.196.060.WDAS, warning yellow	1	6.286 542
shelf for S90.196.120.WDAS	1	9.840 532
shelf for S90.196.090.WDAS	1	6.286 541
shelf for S90.196.060.WDAS	1	9.840 514

*without perforated insert

We can **supply** this
manufacturer's
whole
product range !



1 2 Cabinets for Acids and Alkalis SL-CLASSIC with Wing Doors

- safe and approved storage of aggressive, non-flammable hazardous materials in workrooms
- robust construction and longevity, safety elements assembled outside the storage compartment for increased protection against corrosion, easy to clean
- safe storage with two hermetically separated storage compartments
- doors lockable with cylinder locking (integration in locking system possible)
- integrated adjusting aids to compensate for uneven floor
- integrated metal-free air ducts ready for connection (NW 75) to a technical exhaust system with only one extraction air inlet
- pull-out shelves: high quality and sturdy construction with removable plastic sump, load capacity 25 kg (evenly distributed load), capacity 15 litre

asecos

Supplied with: Cabinet for acids and alkalis SL-CLASSIC incl. interior equipment, Model SL.196.120.MV with 8 or 12 pull-out shelves, Model SL.196.060.MH with 4 or 6 pull-out shelves

A wide variety of cabinet versions is available. Please enquire.

Specifications

Outer dimensions (W x D x H)

SL.196.120.MV: 1197 x 603 x 1965 mm

SL.196.60.MH: 597 x 603 x 1965 mm

Inner dimensions (W x D x H)

SL.196.120.MV: 2 x 485 x 570 x 1869 mm

SL.196.60.MH: 2 x 485 x 570 x 914 mm

Weight

SL.196.120.MV: 160 kg

SL.196.60.MH: 125 kg

Description	PK	Cat. No.
Cabinets for acids and alkalis SL.196.120.MV, 8 pull-out shelves	1	9.840 691
Cabinets for acids and alkalis SL.196.120.MV, 12 pull-out shelves	1	9.840 701
Cabinets for acids and alkalis SL.196.060.MH, 4 pull-out shelves	1	9.840 692
Cabinets for acids and alkalis SL.196.060.MH, 6 pull-out shelves	1	9.840 702



Fire Resistant Gas Cylinder Cabinets G90 Series

- colour: grey RAL 7035
- exhaust air connection (NW75) on top of the cabinet
- adjusting aids to compensate for uneven floor
- large interior height of 1858mm (Model for two 10 litre bottles interior height of 1246mm)
- lead-through points for pipes, sensors etc. in the ceiling of the cabinet
- complete with mounting rails, rolling ramp, bottle retainer with ratchet straps

asecos

Approved and safe

- labelling in accordance with EN 14470-2, fire resistance of 90 minutes
- GS approved



6.261 842

Description	Dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
for two 10 litre bottles	600 x 615 x 1450	278	1	6.260 435
for one 50 litre bottle	600 x 615 x 2050	365	1	6.265 442
for two 50 litre bottles	600 x 615 x 2050	365	1	6.261 842
for two 50 litre bottles, with F90 glass-fronted wing door	600 x 615 x 2050	365	1	4.678 134
for three 50 litre bottles	900 x 615 x 2050	490	1	9.840 609
for four 50 litre bottles	1200 x 615 x 2050	610	1	9.840 608
for four 50 litre bottles	1400 x 615 x 2050	690	1	6.267 279
lateral cylinder retainer for 50 l gas cylinders, sheet steel powder-coated, height adjustable without tools			1	6.286 543
radial ventilator 230/400 V, IP 55, EX-Zone 2			1	6.253 657



1 Gas Cylinder Regulators

To EN ISO 2503. Valve body and cap made of high quality, hot-pressed brass. Provide sensitive adjustment of working pressure. Safety valve blows off upwards.

Type	Pressure bar	PK	Cat. No.
Argon/Carbon dioxide	0 - 1,5	1	7.650 159
Oxygen	0 - 10 / 16	1	9.223 701
Acetylene	0 - 1,5 / 2,5	1	9.223 705
Argon/Carbon dioxide	0 - 10 / 16	1	9.223 710
Compressed air	0 - 10 / 16	1	9.223 721
Compressed air	0 - 20 / 40	1	9.223 722
Hydrogen	0 - 1,5 / 2,5	1	9.223 730
Hydrogen	0 - 10 / 16	1	9.223 731
Nitrogen	0 - 10 / 16	1	9.223 741
Nitrogen	0 - 20 / 40	1	9.223 742
Propane	0 - 1,5 / 2,5	1	9.223 751
Propane with 1 pressure gauge	0 - 1,5 / 2,5	1	9.223 752
Helium	0 - 10 / 16	1	9.223 756
Test gas	0 - 10 / 16	1	9.223 771
Nitrous oxide	0 - 10 / 16	1	9.223 791



2 Gas Cylinder Supports

Aluminum, powder coated. For holding gas cylinders up to 230 mm diameter in a vertical position. For benches/worktops up to 60 mm thick. Rapid release, safety catch.

Usbeck

Type	PK	Cat. No.
Gas cylinder support	1	7.605 462



3 Steel Bottle Cart KKR-832/01 and KKR 820/1

Steel bottle cart with solid rubber tyres Ø 200 mm and powder coated black-silver. Bottle holder with chain protection. Wheels: metal rim, roller bearing.

Gorr

For	Type	PK	Cat. No.
50 l	KKR-832/01 for 1 flask	1	9.148 303
10 l	KKR-820/01 for 1 flask	1	9.148 304

