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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**

E & OE.

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

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9.006 007

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9.006 008

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9.006 009

Safety Eyeshields SecureFit™ 200

3M Deutschland

- 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

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**	
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

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4.672 680

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9.006 128

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9.006 129

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9.006 130

8 Safety Eyeshields SecureFit™ 400

3M Deutschland

- Features proprietary self-adjusting 3M™ Pressure Diffusion Temple Technology
- Soft, adjustable nosepads 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

8

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

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.	
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

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4.664 580

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4.664 582

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4.664 586

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4.664 587

Safety Eyeshields SecureFit™ 400X

3M Deutschland

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.

- 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	vermillon,	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

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4.668 580

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4.668 583

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4.668 584

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4.668 587

1 Safety Eyeshields 2730

1

3M Deutschland

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

2

3M Deutschland

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

uvex

- 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 **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

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4.664 173

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4.664 174

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4.664 175

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4.675 235

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1 Safety Eyeshields uvex skylite 9174

uvex

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.

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

uvex

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.

- 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 !

Lab Logistics Group

uvex
PROTECTING PEOPLE

E & OE.

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

uvex

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.

- 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**	

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6.251 700

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6.252 972

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6.257 035

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6.257 034

Safety Eyeshields uvex pheos cx2

uvex

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

- "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), **B**lue (blue light reduction), **R**elax (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

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6.270 937

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6.270 938

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6.270 936

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4.664 598

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1 Safety Eyeshields uvex i-vo 9160

uvex

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.

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

3M Deutschland

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.

- 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

uvex

- large goggle with front ventilation system
- 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**

1 Panoramic Eyeshield uvex ultrasonic 9302

1

uvex

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

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 Panoramic Eyeshield uvex megasonic

NEW

2

uvex

- revolutionary full-vision goggles with exeptional edge-to-edge optical clarity
- unique framelesss 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

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

3 Panoramic Eyeshield pheos cx2 sonic

3

uvex

- 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

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

4 LLG-Safety Eyeshields *basic*

4

A
121 °C

- 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 Overgoggles uvex 9161 and uvex 9161 duo-flex®

5

uvex

- 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

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

uvex

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.

Coating of the lens
1. uvex supravision sapphire: excellent scratch and chemical resistance, 100% UV protection
2. uvex supravision 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

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6.252 619

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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

uvex

- 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.

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

E & OE.

1 2 Mini-Ultrasonic Cleaner LLG-uni*SONIC* 1

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

2

Specifications

Capacity:	appox. 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-uni*SONIC* 1	1	**6.263 560**

3 LLG-Protective Visor with chin protection

3

- 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

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

4 Face Shields Clearways

4

Browguard CB14: *Honeywell Safety*
- Light weight
- Elastic napestrap allows individual adjustment
- Adjust headband while wearing the face shield

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.

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

Unigloves

- 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

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

Unigloves

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

Colour	PK	Cat. No.
white	50	**9.405 165**

3

3 Surgical Masks, Tie-On and Ear-Loop

3M Deutschland

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

- 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

5

Earloop

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 %

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

E & OE.

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

NEW

BartelsRieger

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.

1

6.311 972

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**

2

6.311 970

Respirators silv-Air c, Moulded Masks

uvex

- 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

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

uvex

- 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

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**

E & OE.

Respirators Aura™ 9300+Gen3, Series, Folding Masks

3M Deutschland

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

- 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

3M Deutschland

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 tailormade 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.

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

4

6.284 248

5

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

1

1 Half Mask, Series 4000+

3M Deutschland

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

- 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

BartelsRieger

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.

- 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**

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4

3 4 Filters for DUETTA half mask

BartelsRieger

(According to EN 143 and EN 14387)

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

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**

E & OE.

Half Mask, Secure Click™

NEW

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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.

3M Deutschland

Please order matching filters separately.

4.672 685

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**

2

4.672 686

3 Half Mask Series 6000

3

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

3M Deutschland

- 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

4

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 .

3M Deutschland

- "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**

1

1 Full Face Mask Series 6000

3M Deutschland

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.

- 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

3M Deutschland

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 .

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

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6.267 786

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6.269 587

8

8 Full Face Mask BRK 820

BartelsRieger

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

- 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**

E & OE.

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

1

BartelsRieger

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

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**

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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**

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com4-fit

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x-fit

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xtra-fit

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6 7 Dispenser uvex one2click and Wall-mounted dispenser

uvex

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

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+.

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

NEW

uvex

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

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

Sound protection (SNR): 24 dB(A)

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

E & OE.

1 Ear Plugs with Headband, 1310

1

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**

2 Ear Defender uvex K1

2

Soft memory foam cushions are light and extremely comfortable to wear.
- Easy length adjustment
- Padded headband for optimal comfort
- Wearer comfort is ensured through soft surface
- Designed to be lightweight with a small capsule

uvex

Sound protection (SNR): 28 dB(A)

Type	PK	Cat. No.
uvex K1	1	**6.270 939**

3 LLG-Univeral dispenser, acrylic glass

3

LLG-Univeral 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-Univeral dispenser	206 x 216 x 213	1	**6.289 563**

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9.005 520

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9.005 523

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9.005 549

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9.005 544

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**

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**

1

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

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

2

3

1

1 Disposable Gloves, Vasco®, Latex, Powdered

B. Braun Deutschland

EN ISO 374-1 Type C

EN ISO 374-5 VIRUS

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 KPT

EN ISO 374-5 VIRUS

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 K

EN ISO 374-5 VIRUS

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**

E & OE.

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

2

1 2 Disposable Gloves Kimtech™ PFE, Latex

Kimberly-Clark

EN ISO 374-1 Type C — K

EN ISO 374-5 — VIRUS

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

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

4

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

EN ISO 374-1 Type B — KPT

EN ISO 374-5 — VIRUS

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.

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

EN ISO 374-1 Type B | EN ISO 374-5 | EN 421 | EN 420

KPT | VIRUS

1

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.**

2

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

EN ISO 374-1 Type B | EN ISO 374-5 | EN 421 | EN 420

KPT | VIRUS

3

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.**

4

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

2

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.

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 | EN ISO 374-5 | EN 420

K | VIRUS

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 — K
EN ISO 374-5 — VIRUS
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

2

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	**9.005 312**
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**

3

3 Disposable Gloves Format Blue, Nitrile

Unigloves

EN ISO 374-1 Type C — K
EN ISO 374-5 — VIRUS
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 — K
EN ISO 374-5 — VIRUS
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**

E & OE.

1 2 Disposable Gloves TouchNTuff®, Nitrile

Ansell

EN ISO 374-1 Type B JKPT | EN ISO 374-5 VIRUS | EN 421 | EN 420

- 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.

1

2

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**

3 4 Disposable Gloves Touch N Tuff® Blue, Nitrile

Ansell

EN ISO 374-1 Type B JKT | EN ISO 374-5 VIRUS | EN 420

- 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.

3

4

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**

1

2

1 2 Disposable Gloves Kimtech™ Sterling™, Nitrile

Kimberly-Clark

EN ISO 374-1 Type C: K
EN ISO 374-5: VIRUS
EN 420

- 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.

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

4

3 4 Disposable Gloves Kimtech™ Purple Nitrile™

Kimberly-Clark

EN ISO 374-1 Type B: JKT
EN ISO 374-5: VIRUS
EN 420

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.

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**

E & OE.

1 2 Disposable Gloves Kimtech™ Purple Nitrile™Xtra™

Kimberly-Clark

EN ISO 374-1 Type B | EN ISO 374-5 | EN 421 | EN 420

JKT | VIRUS

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.

1

2

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

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

K | VIRUS

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.

3

4

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**

4

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

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**

E & OE.

1 2 Disposable Gloves Microflex® 93-850, Neoprene

Ansell

EN ISO 374-1 Type B — JKOPT
EN ISO 374-5 — VIRUS
EN 421

- 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

EN 388 — 2000X
EN ISO 374-1 Type A — JKLOPST
EN ISO 374-5 — VIRUS
EN 421

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

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**

3

4

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 deepth	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

1

6.286 594

2

9.405 373

3

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

4

6.232 327

5

6.228 502

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

Ideal for use in cleanroom, hospitals, and microbiological work areas. *Heathrow Scientific*
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.

6

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

Code letters of chemicals

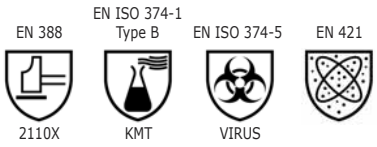
Code letter	Test chemical	Substance class
A	Methanol	Primary alcohol
B	Acetone	Ketone
C	Acetonitrile	Nitrile
D	Dichloromethane	Chlorinated paraffin
E	Carbon disulphide	Organic compound containing sulphur
F	Toluene	Aromatic hydrocarbon
G	Diethylamine	Amine
H	Tetrahydrofuran	Heterocyclic or ether compounds
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 oeroxide 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**

E & OE.

1 Latex gloves Pro-Fit 6240, super blue

1

EN 388 4 1 3 1X | EN ISO 374-1 Type A AKLMNPST | EN ISO 374-5 VIRUS | EN 420

- Super Blue Chemical resistant gloves
- Back and cuff with latex coating
- Cotton jersey lining
- Palm and back of the hand hasa 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

2

uvex

EN ISO 374-1 Type A AKLMNO | EN 388 3 1 3 1X

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, C**at. III**

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

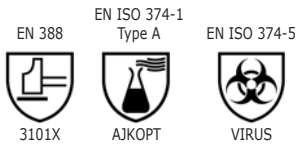
Length: 330 mm
Thickness: 0.75 mm
Colour: dark blue

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.

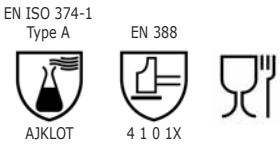
Length:	320mm
Thickness:	0.38mm
Colour:	green
CE:	**Cat. III**

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.

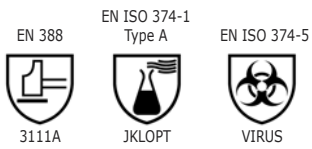
Colour:	green
Length:	approx. 330 mm
Thickness:	approx. 0.38 mm

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.

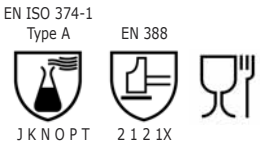
Length: 355 mm
Thickness: 0.85 mm
Colour: Green
CE: **Cat. III**

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

EN 388	EN ISO 374-1 Type A
3131X	JKLMOT

- 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

EN 388	EN ISO 374-1 Type A
2121X	JKLOPT

- 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**

E & OE.

1 Chemical Protection Glove Butoflex 650

1

MAPA

EN 388 1121X | EN ISO 374-1 Type A ABCILMNOS | EN ISO 374-5 VIRUS

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
- Unrivaled 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

EN 388 XX4XC

- 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**

1

1 Cut-Protection Gloves uvex C500 foam

NEW

uvex

EN 388 4X42C

EN 407 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 4111X

EN 407 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 4343B

EN 407 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**

E & OE.

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

1

Heathrow Scientific

EN 388 EN 407

2X4X x2xxxx

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

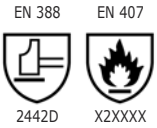
Very supple, offering excellent movement. Knitted construction, without seams. Temperature resistant up to 250 °C. 1 pair per pack. **Cat. II**

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**

1

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

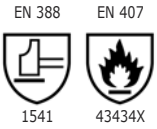
Length:	220mm to 270mm
Colour:	yellow
EN:	388 (2 4 4 2 D), EN 407 (X 2 X X X X)

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.

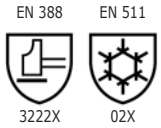
Type	PK	Cat. No.
Hot Hand®	1	**9.119 900**

E & OE.

1 Cold-resistant gloves TempIce 700

NEW

MAPA



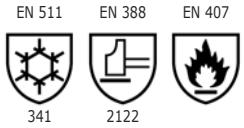
Thermal protection gloves

- 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**

1

2 Protection Gloves CRYOLITE

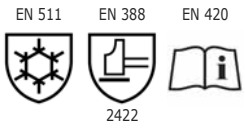


CRYOLITE is a fully waterproof glove to protect the hand and forearm in operations that involve the use of liquid nitrogen (or other cryogenic gases) and heat.
Made by materials specifically designated for this application, it keeps the hands warm and dry for long periods of use.
Tested, with success, 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**

2

3 Cryo Protection Gloves CRYOKIT 400, CRYOKIT 550



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**

3

Cryokit 400

1 Protection Gloves Cryo Gloves® Standard/Waterproof

EN 511 EN 388 EN 420

1323

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

E & OE.

Protection Gloves Waterproof Cryo-Grip© Gloves

NEW

EN 511 EN 388 EN 420

221 2223X

Waterproof Cryo-Grip® Gloves offer improved grip on small objects while protecting your hands and arms when working in hazardous, ultra-cold environments. Gloves are designed to provide a high level of thermal protection where the exposure to cryogenic fluids might exist. Made from state-of-the-art materials and a multi-layered construction, the gloves are designed to keep you dry and to wick moisture away from your hands, so you can work in comfort for extended periods of time and allows a maximum level of grip, dexterity, flexibility, and thermal protection - essential features when function is important and safety is critical.
1 pair per pack.

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

wrist length:	280 - 330 mm
forearm length:	335 - 395 mm
elbow length:	440 - 500 mm
shoulder length:	620 - 695 mm

Description	Size	PK	Cat. No.	
wrist length	S	1	**4.672 242**	1
wrist length	M	1	**4.672 243**	
wrist length	L	1	**4.672 244**	
wrist length	XL	1	**4.672 245**	
forearm length	S	1	**4.672 246**	2
forearm length	M	1	**4.672 247**	
forearm length	L	1	**4.672 248**	
forearm length	XL	1	**4.672 249**	
elbow length	S	1	**4.672 250**	3
elbow length	M	1	**4.672 251**	
elbow length	L	1	**4.672 252**	
elbow length	XL	1	**4.672 253**	
shoulder length	S	1	**4.672 254**	4
shoulder length	M	1	**4.672 255**	
shoulder length	L	1	**4.672 256**	
shoulder length	XL	1	**4.672 257**	

1

4.672 242

2

4.672 246

3

4.672 250

4

4.672 254

For our cryogenic product range, please have a look at page 754.

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

Peter Greven

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.
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

Peter Greven

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.

Capacity ml	PK	Cat. No.
100	1	**9.191 148**

4

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

Peter Greven

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.

Capacity ml	PK	Cat. No.
100	1	**9.191 149**

1 LLG-Laboratory coat, 100% cotton

1

- 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**

2 Ladies laboratory coat Type 81509, 100% cotton

2

With long sleeves and fitted waist. Reversable 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**

3 Mens laboratory coats Type 81996, 100% cotton

3

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**

1

1 Women and mens laboratory coats (Unisex) 1656

BP

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

- 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**

E & OE.

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

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

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

3 Cryogenic Apron Cryo Apron®

The Cryo-Apron® provides a high-level of thermal protection to the operater's torso and upper legs against cryogenic splashes and ultra-cold vapour in harsh cryogenic atmospheres, typically whilst transferring cryogens (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

2

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!

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

Ansell

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*
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 de Nemours

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.
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**

E & OE.

1 Clip hood

1

- 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

2

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

3

- 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

4

This beard mask has a detectable strip on the inside. That's why it can be detected by a dector machine at any time- even if the beard mask gets into the production.
- air-permeable and breathable
- ideal for special hygienc-sensitive areas

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

5 LLG-Disposable Protective Sleeves, PE

5

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

6

- 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

5

4 5 Overshoes for dispenser HYGOMAT

Mensch

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

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**

E & OE.

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**

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GHS 01 / GHS 02 / GHS 03

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GHS 04 / GHS 05 / GHS 06

4

GHS 07 / GHS 08 / GHS 09

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**

5

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**

6

Accessoires for Eye-Wash Bottle, Barikos

BartelsRieger

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, platic with transparent lid	1	**9.005 017** 7
Barikos K / KS wall unit for 1 eye wash bottle, platic with transparent lid	1	**6.076 057** 8
Sticker "52 weeks" for eye wash bottle	10	**6.053 310**

7

8

9.005 017 6.076 057

1 2

9.733 794

6.240 397

Eye Wash Bottle, 0.9 % NaCl, Sterile

B-SAFETY

- 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

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 4

9.733 788

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 piktogram and mirror. Instructions included. Especially suitable for workplaces where chemicals and contaminents can penetrate the eye. Advice: Also after treatment with pH neutral solution continued flushing until medical treatment with sodium chloride solution is recommeded. 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**

E & OE.

Eyewash Emergency Station, Wall-Mounting

1

B-SAFETY

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.

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

2

Bürkle

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.

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

Hand-Held Drench Hoses

3

B-SAFETY

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.

- 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

9.733 779

4

9.733 786

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.

Description	Connection	PK	Cat. No.	
1 spray head, 45° angle	½" female	1	**9.733 778**	
2 spray heads, 45° angle	½" female	1	**9.733 779**	3
1 spray head, vertical	½" female	1	**9.733 786**	4

1 Safety Eye Showers

B-SAFETY

- 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

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

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6.254 947

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9.733 819

4

7.653 251

5

9.733 810

Body Showers/Emergency Showers

B-SAFETY

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

- 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 battern. Corrosion resistant, calcify- and maintenance free, very durable, even emptying.
- Large, easy-to-use release bar
- Comes with all mounting materials
- Connection 3/4"

Inlet	Length mm	Attachment	PK	Cat. No.
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

B-SAFETY

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

- 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

Söhngen

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

1

9.264 146

2

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

B-SAFETY

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.

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

3

9.733 808

4

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

Söhngen

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

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

5

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

1

1 First Aid Kit Special for Laboratories and Chemistry

Söhngen

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.
- 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 feets

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	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

5

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.

Width mm	Length mm	Capacity L	Colour	Description	auto-clavable at	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**

E & OE.

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

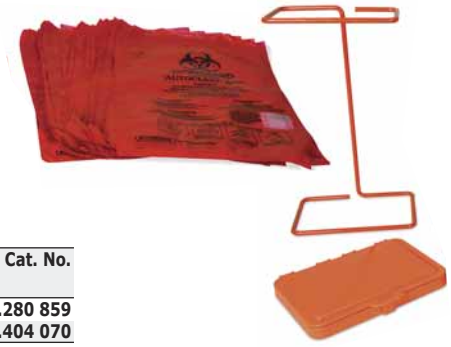
Red-orange. With pre-printed sterilization indicator patch, which darkens when bag is autoclaved.

- 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®

NEW

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

1 Waste Bags, HDPE

A
121 °C

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

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

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

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**

E & OE.

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

1 2 Disposal Cartons for Broken Glass

Bel-Art Products

A 121 °C

- 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

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.

1

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

Chemical Sorbents

3M Deutschland

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.

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: N_2H_4
- 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

3M Deutschland

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

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**

1

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

S.C.A.T.

Description	Diam. mm	Thread	PK	Cat. No.
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** 2
Funnel without Safety lance	130	S60/61	1	**9.042 860** 3
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**

2

7.626 422

3

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

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.

S.C.A.T.

Capacity L	Dimensions (W x D x H) mm	PK	Cat. No.
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**

E & OE.

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

3

S.C.A.T.

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

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

4.005 602

Type	Capacity l	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** 3
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

1

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**

*Not electrically conductive

2

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. The viewing strip allows a permanent control of the solvent level. Also available as set with safety funnel. *S.C.A.T.*

- 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

3 Safety Funnels

For safe filling of plastic canisters. With overfill 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. Upon request: available in flat design (height above thread: 70 mm), with thread G2" or with 2"-buttress thread (S56x4). *Rötzmeier*

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

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 1¼"	0.5	99	198	0.66	1	**6.287 541**
01 D	with self-closing, metering device 1¼"	1.0	111	235	0.70	1	**9.042 900**
02 D	with self-closing, metering device 1¼"	2.0	131	295	0.80	1	**9.042 901**
05 D	with self-closing, metering device 1¼"	5.0	165	405	1.20	1	**9.042 902**
0 HK	with screw-cap 1¼"	0.5	99	178	0.62	1	**6.287 542**
01 K	with screw-cap 1¼"	1.0	111	235	0.65	1	**9.042 905**
02 K	with screw-cap 1¼"	2.0	131	295	0.75	1	**9.042 906**
05 K	with screw-cap 1¼"	5.0	165	400	1.15	1	**9.042 907**
D 125	self-closing, metering device 1¼"				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 ¾''	10	260	330	2.48	1	**9.042 925**
25 Z	with self-closing tap ¾''	25	315	540	6.54	1	**9.042 926**
50 Z	with self-closing tap ¾''	50	365	600	12.20	1	**9.042 927**
10 ZI*	with self-closing tap ¾''	10	260	330	2.82	1	**9.042 934**
25 ZI*	with self-closing tap ¾''	25	315	540	7.52	1	**9.042 935**
50 ZI*	with self-closing tap ¾''	50	365	600	13.20	1	**9.042 936**
10 K	with screw-cap 1 ½"	10	260	330	2.20	1	**9.042 930**
25 K	with screw-cap 1 ½"	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 ½"	10	260	340	2.25	1	**9.042 937**
Z 34	with self-closing tap ¾''				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 ½"	5	130 x 200 x 310	1.65	1	**9.042 910**
10 KD	with self-closing, metering device 1 ½"	10	130 x 280 x 380	2.50	1	**9.042 911**
20 KDL*	with self-closing, metering device 1 ½"	20	175 x 345 x 470	3.70	1	**9.042 912**
05 KK	with screw-cap 1 ½"	5	130 x 200 x 310	1.65	1	**9.042 915**
10 KK	with screw-cap 1 ½"	10	130 x 280 x 380	2.50	1	**9.042 916**
20 KK	with screw-cap 1 ½"	20	175 x 345 x 470	3.70	1	**9.042 917**
05 KZ*	with self-closing tap 1 ½"	5	130 x 200 x 310	1.65	1	**9.042 920**
10 KZ*	with self-closing tap 1 ½"	10	130 x 280 x 380	2.50	1	**9.042 921**
20 KZ*	with self-closing tap 1 ½"	20	175 x 345 x 470	3.70	1	**9.042 922**
D 150	self-closing metering device 1 ½" with vent for 5 + 10 L			0.17	1	**9.042 941**
Z 150	self-closing tap 1 ½"			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 ½" 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

Langkavel

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

Carts for laboratory and more...

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For example

The classic cart in various colors

...or with lockable drawer

With tubs

...in different colors

Multi-purpose carts

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

Minis

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1 2 Laboratory Trolley clax Mobil comfort with Box

Made in Germany

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

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

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.

Colour	PK	Cat. No.
blue	1	**9.301 502**

5 Bowl Trolleys

Trolley *Gorr*

- 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

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

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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**

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6.287 751

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6.287 752

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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 (extremly 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 mm	PK	Cat. No.	
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

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6.288 956

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6.288 957

E & OE.

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 (extremly 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 sidewards.
- 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

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6.287 729

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6.287 745

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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 mm	PK	Cat. No.
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 mm	PK	Cat. No.
Black	450 ... 650	1	**7.671 311** 2
Red	450 ... 650	1	**6.275 991**
White	450 ... 650	1	**6.275 990**

E & OE.

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 (extremly 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**
Multifunctional Armrests					2	**6.287 728**

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6.287 722

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7.672 157

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6.287 724

1

Complete Bubble

2

Complete Smooth

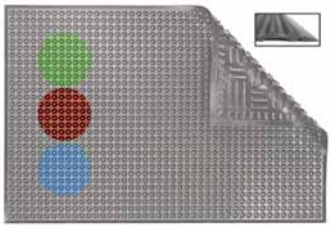
1 2 Mat Complete Bubble, Complete Smooth

Polyurethane anti-fatigue mat. The mat has 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

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)

E & OE.

Flexible laboratory solutions made of steel.

Safe. Resistant. Hygienic.

Laboratory furniture

Fume cupboards

Safety cabinets

Service supply

Köttermann GmbH | Industriestrasse 2 | 31311 Uetze
+49 5147 976 0 | koettermann.com

Köttermann

1

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**

E & OE.

Glove Boxes Vitrum/Pure/Air Stream

SICCO

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.

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

NEW

1

SICCO

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.

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

NEW

2

SICCO

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.

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

NEW

3

SICCO

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.

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

ECOSAFE

Manipulation of liquid chemicals and powders where and when needed.
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

E & OE.

1 Charcoal Filters for Ductless Fume Hoods LABOPUR® H Series

1

Charcoal filter "ORG": for organic vapors *ECOSAFE*
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"

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

2

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™

ESCO

Compact, energy saving fume hood without ducting system.
- 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™

NEW

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

asecos

- 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

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**

E & OE.

1 Ductless Fume Hoods Type Ascent™ Max

ESCO

Compact, energy saving fume hood without ducting system.
- 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

NEW

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

NEW

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 filte	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.

E & OE.

1 Underbench Cabinet with Refrigerating Unit

1

asecos

- Safe and approved cooled storge 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)

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

asecos

- 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)

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. *asecos*
Safe and approved storage of flammable hazardous substances in working areas.

- 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 shelfs (2.5-l bottles), 1 x perforated insert, 1 x bottom collecting sump
3) Cabinet with 5 x shelfs (1-l bottles), 1 x perforated insert, 1 x bottom collecting sump
4) Cabinet left/right: 4 x shelfs (2.5-l bottles), 1 x perforated insert, 1 x bottom collecting sump
5) Cabinet left/right with 5 x shelfs (1-l bottles), 1 x perforated insert, 1 x bottom collecting sump
6) Cabinet left: 4 x shelfs (2.5-l bottles), 1 x perforated insert, 1 x bottom collecting sump, right: 5 x shelfs (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	**V90.196.045.VDAC // V90.196.081.VDAC**
Outer dimensions (W x D x H):	450 x 863 x 1966 mm // 819 x 863 x 1966 mm
Internal dimensions (W x D x H):	331 x 773 x 1750 mm // 701 x 773 x 1750 mm
Net weight (corpus):	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

E & OE.

Safety Storage Cabinets Q-PEGASUS-90 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 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

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

9.840 696

asecos

- 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 ofuneven floor
- ventilation connection (NW 75)in the cabinet ceiling

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 Modell 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**	

E & OE.

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

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 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

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.

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

2

9.840 690

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 !

LLG Lab Logistics Group

asecos®

E & OE.

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

asecos

- 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

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.

1

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

2

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

asecos

- 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

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

3

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** 3
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

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

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

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**