# We protect you

Medical Products Clothing and Gloves from own production





## Welcome!

Dear Customer,

We are happy to present you our new Medical Catalogue 2022!

The new catalogue includes a comprehensive range of our medical goods. The descriptions of our products will give you precise and detailed information about handling and properties of the goods.

We have improved the functionality of the catalogue to accelerate your search for the most suitable product that corresponds to your requirements.

The Directives and Norms that we are complying to are also listed in the catalogue in order to illustrate our high quality standards.

Our new Webshop is now easier to use. We welcome you to our Website: www.sanger.de

You can be assured: Sänger GmbH will be a qualified and reliable partner at your side. We are looking forward to supporting you with your daily work.

Yours sincerely

Sänger GmbH







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#### National and International Directives and Norms

#### **European Directive concerning Medical Devices 93/42/EEC**

There are a total of seven classifications concerning medical products: class I, Is, Im, Ir, IIa, Ilb and III.

If independent testing of the product is required, it is done by a certified institute and the product is marked with the four-digit identification number of the institute. For the products in this catalogue the following classes are relevant:



#### Class I

Low level of invasiveness, temporary use



#### Class IIa

Moderate level of invasiveness, temporary use, sterile; independent evaluation

#### Class Is

Low level of invasiveness, temporary use, sterile; independent evaluation

#### European Directive concerning Personal Protective Equipment (EU) 2016/425

There are three categories. If an EC type examination is required, this is performed by an accredited test institute and if necessary the product is marked with the four-digit identification number of the relevant institute:



#### Category I

Category I includes exclusively the following minimal risks such as superficial mechanical injury, contact with

cleaning materials of weak action or prolonged contact with water, contact with hot surfaces not exceeding 50°C, damage to the eyes due to exposure to sunlight (other than during observation

of the sun) or atmospheric conditions that are not of an extreme nature.



#### Category II

Category II includes risks other than those listed in Categories I and III. All mechanical protective gloves not

expressly specified in category III come under this



#### Category III

Category III includes exclusively the risks that may cause very serious consequences such as death or irreversible

damage to health relating to the following: substances and mixtures which are hazardous to health, atmospheres with oxygen deficiency, harmful biological agents, ionising radiation, high-temperature environments the effects of which are comparable to those of an air temperature of at least 100°C, low-temperature environments the effects of which are comparable to those of an air temperature of -50°C or less, falling from a height, electric shock and live working, drowning, cuts by hand-held chainsaws, high-pressure jets, bullet wounds or knife stabs, harmful noise

#### Additionally protective clothing and gloves are marked with the following pictograms, according to each norm:





EN 420 – General requirements for gloves

This standard specifies the general requirements for all protective gloves and the test methods to be used, as well as the general requirements for design principles, glove packaging and resistance of the glove material to water penetration, innocuousness, comfort and performance, as well as the manufacturer's marking and information provided.



#### EN 455 – Medical examination gloves

This pictogram indicates that the gloves marked are suiable as medical examination gloves. It fulfills EN 455 1-4 which includes:

- EN 455-1:2020-07: Requirements and tests for leaks (according to AQL)
- EN 455-2:2015-07: Requirements and tests of physical properties (i.e. tear resistance)
- EN 455-3:2015-07: Requirements and tests for biological evaluation
- EN 455-4:2009-10: Requirements and tests for determination of minimum shelf life



#### Suitable for food contact

This pictogram indicates that the gloves marked may come into contact with food items



#### EN ISO 374-1:2016 - Protective gloves against chemical risks The classification is based on 3 test

• Determination of resistance to penetration

- according to EN 374-2:2014 (air leak and water leak tests)
- Determination of resistance to permeation according to standard EN 16523-1:2015 (replaces the previous EN 374-3)
- Determination of degradation according to standard EN 374-4:2013

to Standard Ett 5		
Marking	Requirements for protection against penetration according to EN 374-2:21014	Glove type
EN ISO 374-1:2016/ Type A	Minimum breakthrough time ≥ 30 min for at least 6 chemicals out of the list of specified test chemicals	Туре А
EN ISO 374-1:2016/ Type B	Minimum breakthrough time ≥ 30 min for at least 3 chemicals out of the list of specified test chemicals	Туре В
EN ISO 374-1:2016/ Type C	Minimum breakthrough time ≥ 10 min for at least 1 chemical out of the list of specified test chemicals	Туре С

Degradation test according to EN 374-4:2013: Impairment of physical properties of the glove due to contact with a chemical substance. In order to declare protection against one of

the listed substances breakthrough time as well

as degradation (EN 374-4:2013) have to be

determined. The test result of the degradation test has to be stated in the user instruction

Chemical	Group	Perform Lev (EN 374-1:	vel ISO	Break- through time [min]	Degra (EN 374	dation -4:2013)
n-Heptane	J	3	3	> 60	DR =	33,9%
Sodium hydroxide 40%	К	6	6	> 480	DR = -	19,9%
Hydrogen peroxide 30%	Р	2	2	> 30	DR =	34,5%
Formaldehyde 37%	Т	6 > 480		DR = -11,0%		
By specifying the performance level no statement is made about the actual protection period at the place of work, since other factors such as temperature, abrasion etc. will affect usability.						
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Breakthrough time [min]	≥ 10	≥ 30	≥ 60	≥ 120	≥ 240	≥ 480

#### **Listed substances** according to EN ISO 374-1:2016 or EN 374-4:2013 can be tested:

Chemical	Group	Chemical	Group
Methanol	Α	n-Heptane	J
Acetone	В	Sodium hydroxide 40%	K
Acetonitrile	С	Sulphuric acid 96%	L
Dichlormethane	D	Nitric acid 65%	М
Carbon disulphide	E	Acetic acid 99%	N
Toluene	F	Ammonium hydroxide 25%	0
Diethylamine	G	Hydrogen peroxide 30%	Р
Tetrahydrofuran	Н	Hydrofluoric acid 40%	S
Ethyl acetate	I	Formaldehyde 37%	Т



#### EN ISO 374-5:2016 - Protection gloves against microorganisms

In order to protect against bacteria and fungi the glove has to pass the penetration test according to standard EN 374-2:2014. If the protection against viruses is to be provided, in addition a bacteriophage penetration test must be performed according to ISO 16604: 2004 (method B) and to be passed:

EN ISO 374-5:2016	Gloves for protection against bacteria and fungi
EN ISO 374-5:2016	
<b>₩</b>	Gloves for protection against bacteria, fungi and viruses

EN 388:2016 - Protective gloves against mechanical risks

This standard defines all types of protective gloves which are physically and mechanically stressed by abrasion, tear and fall cut. Protective gloves against mechanical risks must at least achieve performance level 1 for one of these criteria: abrasion, cutting, puncture or tear resistance.

Test criteria		Performance Level						
Abrasion resistance	0	1	2	3	4		(0-4)	
Blade cut resistance – Coupe-Test	0	1	2	3	4	5	(0-5)	
Tear resistance	0	1	2	3	4		(0-4)	
Puncture resistance	0	1	2	3	4		(0-4)	
Cut resistance by sharp objects EN ISO 13997	Α	В	С	D	Ε	F	(A-F)	
Protection against impact according to EN 13594:2015: passed	Ρ						(P)	
	Abrasion resistance Blade cut resistance – Coupe-Test Tear resistance Puncture resistance Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	Abrasion resistance 0 Blade cut resistance — 0 Coupe-Test 0 Tear resistance 0 Puncture resistance 0 Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	Abrasion resistance 0 1 Blade cut resistance - 0 1 Tear resistance 0 1 Puncture resistance 0 1 Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	Abrasion resistance 0 1 2 Blade cut resistance 0 1 2 Coupe-Test 0 1 2 Tear resistance 0 1 2 Puncture resistance 0 1 2 Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	Abrasion resistance 0 1 2 3 Blade cut resistance 0 1 2 3 Tear resistance 0 1 2 3 Puncture resistance 0 1 2 3 Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	Abrasion resistance 0 1 2 3 4 Blade cut resistance 0 1 2 3 4 Coupe-Test 0 1 2 3 4 Tear resistance 0 1 2 3 4 Puncture resistance 0 1 2 3 4 Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	Abrasion resistance 0 1 2 3 4 Blade cut resistance 0 1 2 3 4 5 Coupe-Test 0 1 2 3 4 Functure resistance 0 1 2 3 4 Cut resistance by sharp objects EN ISO 13997 Protection against impact according to	

0 = lowest performance level; 5 = highest performance level; 5 = highest performance level; 5 = highest performance level; 1 = he glove has not been constructed for the application in this test. In the event of blunting during a cut resistance test, the results of the Coupe Test are to only be considered indicatory, whereas the TDM cut resistance test provides reference results with regard to performance.

The lab tests are intended to provide a selection guide, but they can not simulate actual workplace conditions. It is therefore the responsibility of the user and not of the manufacturer to check the suitability of a specific protective glove for the intended application. The equipment protects against medium mechanical risks.

According to FM 2019 the participance levels are based on the results of laboratory tests.

ording to EN 420 the performance levels are based on the results of laboratory tests which do not necessarily correspond to the actual conditions at the place of work If the letter P is stated behind the result of the cut resistance test according to EN ISO 13997 (Newton), this states that the glove is designed to protect against impact and the test was "passed". If this space remains empty, then the glove has not been test

Test according to EN 388	Level 1	Lev-	el	Le :		L	evel 4	Level 5
Abrasion resistance [Cycles]	100 500		2000 8		000	-		
Blade cut resistance  – Coupe-Test [Index]	1,2	2,5		5	,0		10,0	20,0
Tear resistance [Newton]	10 25		5	0		75	-	
Puncture resistance [Newton]	20	20 60		10	100 1		150	_
Test according to EN 388	Level A	Level B		evel C	Lev D		Level E	Level F
Cut resistance by sharp objects EN ISO 13997 [Newton]	2	5		10	15	5	22	30

#### Quality is our highest priority

In order to ensure high quality and satisfied customers, Sänger GmbH complies with the following national and international standards:

• Regulation (EU) 2017/745 for Medical Devices

VIRUS

- Regulation (EU) 2016/425 for Personal Protective Equipment
- DIN EN ISO 9001:2015 Quality Management Systems
- DIN EN ISO 13485:2016 Medical Product **Quality Management Systems**



#### Additionally our products are tested according to the following standards:



#### **AQL (Accepted Quality Level)** According to Norm EN 455 and ISO 2859-1 there is a quality

management requirement on spot tests. It is tested for defects, permeability and physical qualities and there are several quality levels (<0,65; <1,0; <1,5; <2,0; <4,0), with a lower value standing for higher quality.



#### **ICRP & ICRU Tested**

Conform to the suggestions in ICRP (International System of Radiological Protection) Report #60 and ICRU

(International Commission on Radiation Units and Measurements) Report #51 concerning radiation protection aloves.



#### EN 149:2001+A1:2009

Conform to EN 149:2001 Type II norm for fine particle filters.



#### EN 14683:2019+AC:2019 Conform to EN 14683 Type II norm for surgical masks.



#### EN 14683:2019+AC:2019

Conform to EN 14683 Type II standard for surgical masks. With higher resistance to liquids and aerosols.

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#### Latex

Latex is the milk-like sap from the rubber tree (Hevea Brasiliensis). It is tapped from the tree and is refined into a pure latex liquid form via a complex centrifugal process. Because of its polymere structure and its high elasticity, this is the best material for manufacturing medical gloves. Latex gloves are comfortable, flexible, tear-resistant and guarantee a good grip. They provide the best protection against microorganisms like viruses, bacteria etc. All Sänger disposable examination gloves made of latex are a natural product, ambidextrous, thiuram-free, have a low protein content <10 µg/g (Modified Lowry Test, TÜV Rheinland) and a beaded cuff edge.

#### Plus for better protection

The Plus glove is an excellent choice when it comes to medical gloves. Its surface provides a very good grip and good tactile properties for use with instruments or dealing with patients. The glove gives the ideal fit and easy donning.

- Powder Free
- Textured Surface
- Inner and Outer Chlorinated



#### **PLUS** textured

Size	RefNo.
XS / 6	01 145
S / 7	01 146
M / 8	01 147
L/9	01 148
XL / 10	01 149









24 cm light yellow

Standards:

Plus 📑







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#### Saturn for use with instruments

A special treatment to the surface of the Saturn glove provides smooth donning and very good grip on instruments, even in a wet environment.

- Powder Free
- Textured Surface
- Inner Chlorinated and Outer Polymer Coated



# **SATURN** geraut

Size	RefNo.
XS / 6	01 335
S / 7	01 336
M / 8	01 337
L/9	01 338
XL / 10	01 339



100 pieces per dispenser box 10 dispensers per outer carton







Standards:











#### Touch for treating patients

The surface of the Touch glove is specially treated for the contact with patients. It does not pull on hair or skin and the smooth surface guarantees very good tactile properties.

- Powder Free
- Smooth Surface
- Inner and Outer Chlorinated



#### **TOUCH** glatt Size Art.-No XS / 6 01 945 01 946 S / 7 M/8 01 947 01 948 L/9 XL / 10 01 949

Packing:

100 pieces per dispenser box 10 dispensers per outer carton







Standards:















# Profi for optimum grip

Excellent tactile properties with smooth inner surface. Optimum grip make the gloves slip-resistant, even under wet conditions. Gloves offer a secure grip on instruments, glass, etc. Very low protein content of less than 10 µg/g Modified Lowry Test, Dermatological University of Erlangen/Germany. Hypoallergenic. Chlorine free.

- natural rubber latex
- powderfree
- inner and outer polymer coated
- textured surface



# **PROFI**

Size	RefNo.	
XS / 6	01 140	
S / 7	01 141	
M / 8	01 142	
L/9	01 143	
XL / 10	01 144	



100 pieces per dispenser box 10 dispensers per outer carton







#### Standards





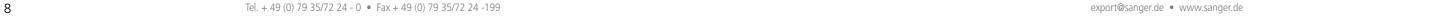












#### Verde for sensitive hands

The Verde glove is a both sides chlorinated, surface-textured glove with an Aloe Vera treatment. The Aloe Vera has a healing and skin care effect, being ideal for users with sensitive skin. The glove contains a pleasant Aloe Vera scent.

- Powder Free
- Textured Surface
- Inner Aloe-Vera
- Inner and Outer Chlorinated





Aloe Vera

# **VERDE** textured

iize	RefNo.	
(S / 6	01 645	
17	01 646	
Л/8	01 647	
. / 9	01 648	
(L / 10	01 649	

#### Packing:

100 pieces per dispenser box 10 dispensers per outer carton







Standards:







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## Chemoflex for high risk areas

The extra long and extra thick Chemoflex glove is used in areas where maximum protection is required. The structure of the glove is reinforced in order to achieve the highest barrier and tear-resistance values. The textured surface helps to handle objects save and easy.

- Powder Free
- Textured Surface
- Extra Long and Extra Thick ■ Inner and Outer Chlorinated
- 0.23 mm

#### **CHEMOFLEX** textured

Size	RefNo.
S / 7	01 286
M / 8	01 287
L/9	01 288
XL / 10	01 289



50 pieces per dispenser box 10 dispensers per outer carton





#### Standards:













SURFACE

#### Sedna against light reflexes

The black coloured Sedna glove reduces light reflections, making it ideal for laser treatments.

- Textured Surface
- Inner and Outer Chlorinated



- Powder Free



#### **SEDNA** textured

iize	RefNo.	
(S / 6	01 745	
/7	01 746	
Л/8	01 747	
/ 9	01 748	
(L / 10	01 749	



Packing: 100 pieces per dispenser box 10 dispensers per outer carton







Standards:















### Griff the classic powdered latex glove

The distinctive element of the economical Griff glove is the textured surface. Its lightly powdered with food-grade corn starch powder which allows easy donning.

- Lightly Powdered
- Smooth Surface



#### **GRIFF** smooth

RefNo.
01 130
01 131
01 132
01 133
01 134

#### Packing:

100 pieces per dispenser box 10 dispensers per outer carton



















#### Finger Cots for special treatment

Finger cots are made out of latex, provide a very good fit and reduce hand perspiration. They are an alternative if only finger protection is needed.

- Powder free
- Silicone free



#### **FINGER COTS**

Size	KetNo.
S / 7	01 271
M / 8	01 272
L/9	01 273
XL / 10	01 274

# Packing:

100 pieces per polybag

#### **FINGER COTS**

Size	KetNo.
S / 7	01 471
M / 8	01 472
L/9	01 473
XL / 10	01 474

#### Packing:

1440 pieces per polybag

#### Nitrile

Nitrile is an elastomer based on petroleum. It is produced through copolymerization, which results in a material that is a good alternative to Latex. Nitrile is the material of choice for users with a Latex allergy and also offers a high resistance against chemicals. All Sänger disposable examination gloves made of nitrile are ambidextrous, thiuram-free and have a beaded cuff edge.

#### Alfatex universally usable

This Nitrile glove is suited for a variety of situations, and serves to handle chemicals. The textured surface guarantees good grip as well as tactile properties.

- Latex Free
- Powder Free
- Textured Surface



#### **ALFATEX** textured Size Ref.-No. XS / 6 01 170 01 171 S / 7 01 172 M / 8 L/9 01 173 01 174 XL / 10



Alfatex Blau 6



SURFACE

**ALFATEX** textured

Ref.-No.

01 370

01 371

01 372

01 373

01 374

100 pieces per dispenser box

white

10 dispensers per outer carton

Size

XS / 6

5/7

M / 8

L/9

XL / 10

Packing:

24 cm



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### Betatex for large-scale use

The new Betatex glove provides good protection while being wellpriced, ideal for the use in areas where large quantities of gloves are required. The textured surface guarantees good grip and good tactile pro-perties.

- Latex Free
- Powder Free
- Textured Surface



BETATEX Size	24 cm blue RefNo.	24 cm purple RefNo.	24 cm white
XS / 6	01 575	01 395	01 375
S / 7	01 576	01 396	01 376
M / 8	01 577	01 397	01 377
L/9	01 578	01 398	01 378
XL / 10	01 579	01 399	01 379

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#### Standards:

















#### Alfatex 30 for use with chemicals

This Nitrile glove is universally usable, but is especially suitable for the use with chemicals. Its long cuff ensures better protection against fluids. The textured surface guarantees good grip and tactile properties.

- Latex Free
- Powder Free
- Textured Surface
- Extra long



#### **ALFATEX 30** textured

Size	RefNo.
S / 7	01 571
M / 8	01 572
L/9	01 573
XL / 10	01 574

Packing:

100 pieces per dispenser box 10 dispensers per outer carton





SURFACE

#### Standards:











#### Eris prevents light reflexes

The black coloured Eris glove reduces light reflections, making it ideal for laser treatments.

■ Powder Free

Packing:

150 pieces per dispenser box 10 dispensers per outer carton

- Textured Surface
- Inner and Outer chlorinated



Size	RelIVO.
S / 7	01 851
M / 8	01 852
L/9	01 853
XL / 10	01 854

#### Packing:

**ERIS** 

100 pieces per dispenser box 10 dispensers per outer carton













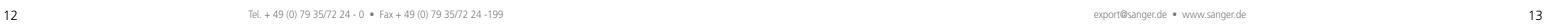






LEXTURED

SURFACE



#### Neoprene

Polychloroprene, better known as Neoprene, is a synthetic rubber made for various purposes. Neoprene gloves have an elasticity and protect against micro-organisms similar to latex but provide a much higher mechanical resistance. Thiuram-free and have a beaded cuff edge.

#### Neotril for the best allround protection

The Neotril is produced with the most modern manufacturing processes. A special Neoprene composite material gives this glove the advantages of three materials, while having none of the disadvantages. Neotril possesses the elasticity and protection against biological hazards of latex, the resistance against chemicals of nitrile, and the high tolerance against mechanical stress of neoprene. A textured surface guarantees good grip and good tactile properties. The Neotril is the most powerful existing disposable glove.

- Neoprene Composite Material
- Powder Free
- Inner and Outer Chlorinated
- Textured Surface



#### **NEOTRIL** textured Ref.-No. XS / 6 01 770 S / 7 01 771 M/8 01 772 L/9 01 773 01 774 XL / 10

#### Packing:

100 pieces per dispenser box 10 dispenser per outer carton







#### Standards:

















#### **Neotex for Flexibility**

A new kind of composite glove, manufactured with the most modern manufacturing technology. A new kind of Neoprene composite gives these gloves the advantage of three materials: The flexibility and biological protection of latex, the resistance to many chemicals from nitrile, as well the resistance to mechanical stress from neoprene. The textured surface offers a good grip and outstanding tactile sensitivity. All together NEOTEX provide excellent comfort due to reduced perspiration inside the gloves.

- New type of neoprene composite material
- Powder-free, low risk of allergies
- Inner chlorinated
- Outer Polymer-coated
- Resistant to the blood-borne pathogen germs acc. to EN 374-5 (2016) and viruses



#### **NEOTEX** textured

Size	RefNo.	PZN-Nr.
XS / 6	01 775	17 38 37 32
S / 7	01 776	17 38 37 03
M / 8	01 777	17 38 36 95
L/9	01 778	17 38 36 89
XL / 10	01 779	17 38 37 26



100 pieces per dispenser box 10 dispenser per outer carton









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#### Chemotril

Extra strong, extra long Nitrile disposable gloves with extra mechanical strength and for high risk areas. Textured fingers and a beaded cuff add to extra resilience of this gloves. Ambidextrous, comfortable fit, strong tear resistance, free of latex and latex proteins, powderfree. Resistant to almost all cytotoxic chemicals. Free of silicone make the gloves suitable for many industrial applications. Excellent conductivity.



#### **CHEMOTRIL**

	_
iize	RefNo.
17	01 291
Л/8	01 292
./9	01 293
(L / 10	01 294
XL / 11	01 295



50 pieces per dispenser box 10 dispensers per outer carton







Standards

















#### MegaGrip best grip

This Nitrile glove is universally usable, its extra long cuff ensures better protection against fluids. The fishscale surface guarantees

- With fishscale surface for best grip
- High tear resistance
- Extra long cuff for extra protection
- Silicone and Latex free



# **MEGAGRIP** blue

Size	RefNo.	
S / 7	01 185	
M / 8	01 186	
L/9	01 187	
XL / 10	01 188	
XXI / 11	01 189	



50 pieces per dispenser box 10 dispensers per outer carton



#### **MEGAGRIP** black

Size	RefNo.
S / 7	01 191
M / 8	01 192
L/9	01 193
XL / 10	01 194
XXL / 11	01 195

50 pieces per dispenser box 10 dispensers per outer carton

















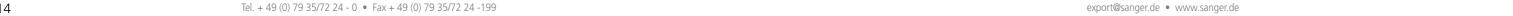








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#### Vinyl

Polyvinylchlorid (PVC), more commonly know as Vinyl, is a thermoplastic polymer. In order to make Vinyl usable for gloves and other products, it is mixed with plasticizers. It does not contain any Latex proteins. Vinyl is cheap to manufacture, but the decision for a Vinyl glove should be taken with care. Vinyl is not very elastic, which can negatively influence fit and resistance against biological hazards. Vinyl gloves should only be used in areas with a low risk factor. All Sänger disposable gloves made of Vinyl are ambidextrous, thiuram-free and have a beaded cuff edge.

#### Pretex for light work

The Pretex glove is made out of soft, tear-resistant Vinyl. It is suited for lighter work, like for example nursing care but can also be used in combination with chemicals.

- Latex Free
- Powder Free
- Smooth Surface



#### **PRETEX** smooth Size Ref.-No. S/7 01 126 M/8 01 127 L/9 01 128 XL / 10 01 129 Packing:

100 pieces per dispenser box

10 dispenser per outer carton

# 4100M2 SURFACE















#### Polyethylene

Polyethylene (PE) is a versatile thermoplastic polymer. In its basic form it is transparent. PE gloves are manufactured by sealing two thin film PE foils to the shape of a glove. PE gloves are especially suitable for the food industry. Using PE gloves in areas with a high risk factor is not recommended. All disposable gloves made of polyethylene are ambidextrous and thiuram-free.

#### Polyethylene Disposable Gloves

These economical gloves can be used for light work. The glove consists out of two heat-sealed, transparent polyethylene films with strong sealed seams. It does not influence the temperature perception.



#### **POLYETHYLENE**

Size Re	fNo.
Universal / 29 cm 01	161

#### Packing:

100 pieces per polybag with dispenseopening





#### Polyethylene Disposable Gloves

#### extra long, 55 cm

This 55 cm long polyethylene glove reaches up to the elbow. That makes it very useful when protection for the entire forearm is needed.



#### **POLYETHYLENE** extra long

Size / Length Ref.-No. 01 165 Universal 55 cm

#### Packing:

100 pieces per polybag with dispenser opening 50 polybags per outer carton



#### Standards:



# Polyethylene Disposable Gloves

#### shoulder length, 94 cm

This 94 cm long, soft and smooth polyethylene glove serves very well as protection for arm and clothes against soiling. The long glove is appropriate for veterinary use with extra long seams.



#### DOLVETUVI EN I II I II

POLYETHYLEN	shoulder length
Size / Length	RefNo.
Universal 94 cm	01 164

#### Packing:

100 pieces per box 10 boxes per outer carton



#### Standards:



#### **TPE Disposable Gloves**

Disposable gloves for quick protection of the hands. Easy donning to comfortable width and elasticity. Secure fit, powder-free and skinfriendly. Latex free. Non-sterile. Glove length approx. 25 cm



#### **TPE**

Size	RefNo.	
M / 8	01 197	
L/9	01 198	
XL / 10	01 199	
XXI / 11	01 200	

#### Packing:

200 pcs per dispenser box 10 dispensers per outer carton













#### Pluto for surgery

The natural rubber latex with a polyurethane coating of the Pluto glove offers excellent tactile properties and guarantees a safe use with instruments, even in wet environment.

- Natural rubber latex
- Powder free
- Polyurethane coating
- Micro-textured surface
- Fully anatomically shaped
- Sterile



#### **PLUTO** powder free

Size	RefNo.
6	01 310
61/2	01 311
7	01 312
71/2	01 313
8	01 314
81/2	01 315



1 pair of gloves right/left packed in a medical grade paper wrapper and sealed in a sterile pouch.

50 pairs per dispenser box 4 dispenser per outer carton





CRO TEXTURA

SURFACE

Standards:









# Eko for surgery

The Eko glove has the same material as the Pluto glove. The glove is lightly powdered with non-allergic food grade corn starch to provide easy donning.

- Natural rubber latex
- Lightly powdered
- Polyurethane coating
- Micro-textured surface
- Fully anatomically shaped

■ Sterile



**STERILE** 



#### **EKO** lightly powdered

Size	RefNo.
6	01 350
61/2	01 351
7	01 352
71/2	01 353
8	01 354
81/2	01 355



1 pair of gloves right/left packed in a medical grade paper wrapper and sealed in

50 pairs per dispenser box 4 dispenser per outer carton





SURFACE









Nuzone X2

## for surgery (hypoallergenic)

The Nuzone X2 glove is ideal for sensitive skin. The synthetic polymer material offers excellent tactile properties, reduces hand perspiration and prevents allergies. These gloves can be used with cytostatics or chemicals. Free of MBT, Thiuram, Thiazol, and Thioureas.

- Synthetic Polymer
- Latex free
- Powder free
- Micro-textured surface
- Anatomically shaped
- Sterile





#### **NUZONE X2**

Size	RefNo.
6	01 250
61/2	01 251
7	01 252
71/2	01 253
8	01 254
81/2	01 255



SURFACE

1 pair of gloves right/left packed in a medical grade paper wrapper and sealed in a sterile pouch.

50 pairs per dispenser box 6 dispenser per outer carton







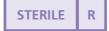




## Gynaecology for births

This extra long and extra thick sterile examination glove is suited for gynaecological areas, like underwater births. A special surface treatment makes it easy to don and gives very good tactile properties. The textured surface on hand and fingers provide good grip.

- Natural rubber latex
- Elbow length
- Powder free
- Structured surface
- Inner and outer chlorinated
- Anatomically shaped
- Sterile





#### **GYNÄKOLOGIE**

Size	RefNo.	
S / 7	01 256	
M / 8	01 257	
L/9	01 258	

#### Verpackung:

1 pair of gloves right/left packed in a medical grade paper wrapper and sealed

25 Paar im Dispenserkarton 4 Dispenser im Versandkarton

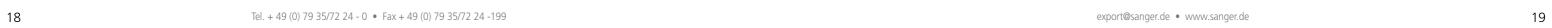


#### Standards:









Special Gloves Special Gloves

#### Radiation Protective Gloves Xguard®

Extremely thin walled gloves with superior tactile properties as personal protection equipment against ionizing x-rays for use in pathology, orthpaedics, catheterizations, cardiology, intensive care, radiology, nuclear medicine, neuro-radiology, urology, endoscopy, resuscitation etc.

- natural rubber latex
- contains lead oxide
- powder free
- anatomically shaped
- Thickness approx. 0.22 mm
- textured surface
- for single use
- superior tactile properties
- tear resistant
- straight cuff edge
- low protein contents



#### XGUARD® RR-1

RefNo.
01 710
01 711
01 712
01 713
01 714
01 715



#### Packing:

1 pair of gloves right/left packed in a medical grade paper wrapper and sealed in a sterile

5 pairs per dispenser box



29 cm



 $\mathbf{j}$ 









#### MagnoGrip

Rubber gloves with special grip for easy donning of medical compression stockings. Protects against unwanted damages to the socks.

- Natural rubber latex
- Specially textured surface
- Anatomically shaped
- Inner flocklining



#### **MAGNOGRIP**

Size	RefNo.
S / 7	11 201
M / 8	11 202
L/9	11 203
XL / 10	11 204

#### Packing:

1 pair per polybag 10 pairs per master polybag 100 pairs per outer carton





#### Standards:



#### Neutron 35

Nitrile gloves for sterilizing Instruments. Highly resistant against many cleaning agents, chemicals and disinfectants.

- Nitrile
- Textured surface
- Anatomically shaped



#### **NEUTRON 35**

Size	RefNo.
S / 7	11 571
M / 8	11 572
L/9	11 573
XL / 10	11 574
XXL / 11	11 575

#### Packing:

1 pair per polybag 12 pairs per master polybag 144 pairs per outer carton



#### Standards:











# OMAAYO

SURFACE

# Sänger Professional Allround

Reliable protective gloves made of natural latex. Extra comfortable, inner surface cotton-flocked. Protecting against many cleaning products and liquids. This robust, state-of-the-art glove is available in the four-colour-system of the cleaning industry.

- Velours inner flock
- Anti-slip surface
- Anatomical form
- Low protein content
- Length: 30 cm
- Beaded cuff edge



	RED	GREEN	BLUE	YELLOW
Size	RefNo.	RefNo.	RefNo.	RefNo.
S / 7	11 066	11 071	11 081	11 076
M / 8	11 067	11 072	11 082	11 077
L/9	11 068	11 073	11 083	11 078
XL / 10	11 069	11 074	11 084	11 079

#### Packing:

- 1 pair/polybag
- 10 pairs external bag 10 external bags/carton



















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#### Glove Liners

Seamless knitted nylon gloves, ambidextrous are comfortable to wear alone or inside other gloves. Reduced sweating underneath examination gloves. Tactile properties do not become affected due to half fingers and open, uncovered finger tips.

- 100% Nylon
- Machine washable
- Ambidextrous

each pair in a polybag

#### NYLON KNITTED UNDERGLOVES

Size	RefNo.
universal	01 588
Packing:	

# Cotton Knitting Gloves

Knitted cotton gloves with excellent fit. Particularly suitable for extra sensitive skin. Ideal for working with warm objects and protection against blunt edges. Good tactile properties as the sewing seams are situated at the side of the fingers. Machine washable and suitable to be worn several times. Protect against light mechanical injuries, i.e. cutting from paper, dust or dirt. Ensuring good tactile properties, reducing sweat.

- 100% Cotton
- Machine washable and reusable

#### COTTON ECONOMY

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П	н		ı	u	ı	u	-	Κ	н	П		11	`

GITTIOTO C/ (CI O GI)	
Size	RefNo.
S / 7	01 496
M / 8	01 497
L/9	01 498
XL / 10	01 499
XXL / 11	01 500

#### Packing:

24 pairs per polybag 600 pairs per outer carton

#### **COTTON KNITTING GLOVES**

vith fourchette fingers

With fourth	ette illigeis	
Size	RefNo.	
S / 7	01 415	
M / 8	01 416	
L/9	01 417	
XL / 10	01 418	
XXI / 11	01 419	

#### Packing:

10 pairs per master polybag 600 pairs per outer carton

#### **COTTON KNITTING GLOVES**

Size	RefNo.	
S/7	01 405	
M / 8	01 406	
L/9	01 407	
XL / 10	01 408	
XXL / 11	01 409	

#### Packing:

each pair is packed in a polybag 10 pairs per master polybag 600 pairs per outer carton

#### Glove Dispenser Box Holders

Only minimal space is required for the box holders. The box holders allow a convenient use at work. All dispenser boxes of Sänger non-sterile disposable gloves fit into the white metal rack. Can be fixed on a surface or mounted on a wall with included set.

- space saving for free standing at the place of work
- for assembly to wall or work top

#### Dimensions:

1 tier L: 26 x H: 8,5 x B: 9 cm 2 tiers L: 27 x H: 27,0 x B:10 cm 3 tiers L: 27 x H: 39,5 x B:10 cm

#### **DISPENSER BOX HOLDERS**

RefNo.	Capacity	
04 911	1	
04 912	2	
04 913	3	



#### **Derma Lotion**

The ultimate skin protector against countless skin abusers and irritants: Contact allergies, harsh soaps, disinfectants, bleach, chlorine, salt water, acids, alcohol, unwanted odours, etc.

#### **DERMA LUTION**

Contents	RefNo.
250 ml	02 231





# SCHWARZE MASKE

#### Face Masks, 4-layers

Sänger disposable surgical masks are made of a non-irritating, soft, light weight, non-woven material for optimum comfort. Ideal fit due to long, formable inner nose bridge. Sänger 4-layer surgical masks have a 98% filter effect and are free of glass particles and latex. Non-sterile. Can also be worn comfortably while wearing glasses.

#### WITH FLASTIC FAR LOOPS

******	ASTIC EAR EGGIS
Colour	RefNo.
black	02 109
Packing:	
50 pieces per	dispenser box
10 dichancare	ner outer carton



# Face Masks with eye shield

Sänger disposable surgical masks are made of a non-irritating, soft, light weight, non-woven material for optimum comfort. Ideal fit due to long, formable inner nose bridge. Sänger 3-layer surgical masks have a 99.6% filter effect and are free of glass particles and latex. Non-sterile. Can also be worn comfortably while wearing glasses.

#### WITH EYE SHIELD

Colour	RefNo.	
weiß	02 104	
Packing:		
25 pieces per dispenser box		
4 dispensers per outer carton		

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Face Masks Face Masks

#### Face Masks, 3-layers

Sänger disposable surgical masks are made of a non-irritating, soft, light weight, non-woven material for optimum comfort. Ideal fit due to long, formable inner nose bridge. Sänger 3-layer surgical masks have a 99% filter effect and are free of glass particles and latex. Non-sterile. Can also be worn comfortably while wearing glasses.





#### Standards:

CE, EN 14683, Type II / Type II R, Standard for surgical masks

#### **TYPE IIR**

#### Ref.-No.

02 120

#### Packing:

50 pcs per dispenser box 40 dispensers per outer carton

#### TYPE II Ref.-No.

02 108

#### Packing:

50 pcs per dispenser box 40 dispensers per outer carton

#### Standards:



#### Standards:



# FFP2 MASCOMFORT

Ergonomic mask for medium risks.

FFP2 respiratory mask comfort

Colour	RetNo.
white	02 146
black	02 147
blue	02 148
pink	02 149

Packing:

20 pcs with fastening hooks per dispenbox 20 dispensers dispensers per outer carton

#### Standards:

This respirator mask offers the highest level of comfort thanks to its comfortable fit. Elastic loops do not press

on the ears. With fastening hooks for rubber loops. With 2 ear loops and shapeable nose clip; without valve.

CE 2797, (EU) 2016/425, EN149:2001+A1:2009 FFP NR













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# FFP2 Masks 5-layer protection

Bester Tragekomfort mit 5-lagigem Schutz. Einzeln verpackt in einem Polybeutel mit Befestigungshaken. Mit Vertikalfalte, ohne Ventil. Mit 2 Ohrschlaufen und formbarem Nasenbügel. Ergonomische Maske für mittlere Risiken. Bietet Schutz vor gesundheitsgefährdenden, trockenen Partikeln und Aerosolen.

#### Standards:

CE 0598, (EU) 2016/425, EN149:2001+A1:2009

#### FFP2 MASK

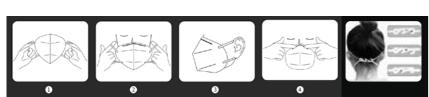
Ref.-No.

#### 02 134

Packing: 50 pcs per dispenser box 20 dispensers per outer carton

Standards:







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In this catalogue we introduce for the first time items, whose latex raw materials come directly from FSC certified forests. They are natural products which after their active service life can be returned to the natural cycle of decay.

When latex is extracted from FSC-certified forests and plantations it is ensured that trees, soil and workers are working together in a symbiosis that remains sustainable and future-oriented.

#### **NATURE PLUS**

Disposable gloves made of FSC certified natural latex

- » natural colour
- » powderfree
- » textured surface
- » soft and extra sensitiv
- » does not get stuck on hair or skin
- » CO<sup>2</sup>-neutral production
- » compostable

Size	RefNo
S	01 781
M	01 782
L	01 783
XL	01 784

#### Packing:

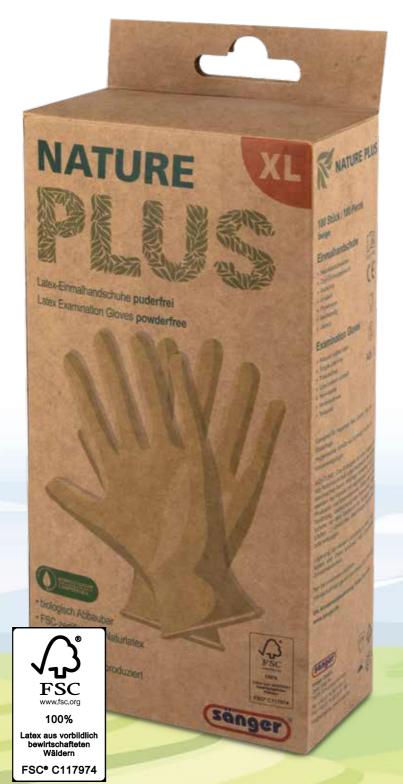
100 pcs per FSC-certified dispenser box10 dispensers per outer carton



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Latex aus vorbildlich bewirtschafteten Wäldern

FSC® C117974

# Household gloves made of FSC certified natural latex

Setting new standards for household gloves. Universally usable, very resilient to many cleaning agents and comfortable to wear. The textured pattern on the finger tips and palm allows for a better grip while the velour inner lining ensures high wearing comfort.

- » robust gloves with anti-slip surface
- » anatomically shaped
- » CO<sup>2</sup>-neutral production
- » biodegradable
- » length: 30 cm, with beaded cuff
- » Colour: green

Size	RefN
S	11 907
M	11 908
L	11 909
XL	11 910

#### Packing:

1 pair per FSC certified paper envelope with Euro hole 10 envelopes per bundle 100 envelopes per carton











EO

STERILE

#### **Surgical Caps**

Specially suitable as secure covering of hair in the medical trade. Hair and any other particles will be securely held back. The caps are soft and light weight. Air permeable material ensures reduction of perspiration even when wearing the caps for a long period. For one-way use.

- Non-woven material
- Air permeable
- Excellent fit
- Non-sterile
- Size: medium: 50 cm / Large: 54 cm circumference

#### PLATE TYPE

One way caps with circular elastic.

Colour / Size	RefNr.	
green		
medium	02 202	
groß	02 204	
white		
medium	02 203	
groß	02 205	
blue		
medium	02 206	
groß	02 207	

#### Packing:

100 pieces per polybag 5 polybags per carton

#### **PLEATED**

Pleated caps packed in polybags, easy removal. Air permeable material.

Colour / Size	RefNr.
green	
mittel	02 201
white	
medium	02 208
blue	
medium	02 209
red	
medium	02 702
pink	
medium	02 703

#### Packing:

100 pieces per polybag 5 polybags per carton

#### One-way Surgical Gown

Disposable gowns for one-way use, with knitted cuff, velcro seal at the back. Additionally 4 strings for tying the gown at the side and at the back. Can be supplied in three below mentioned qualities. With and without wet protection zone in front and inside arms. All seams are sewn.

#### **DISPOSABLE GOWN STANDARD**

Material: SMS hydrophobic material made of 100% polypropylene non-woven textile 50 g/sqm, 3-layer structure spunbond-meltblown-spunbond, blue.

without we	et protection zone	with wet pr	otection zone
Size	RefNo.	Size	RefNo.
medium	02 221	medium	02 227
large	02 225	large	02 228
extra large	02 226	extra large	02 229
XX-large	02 256	XX-large	02 259

#### Packing:

Each piece in a polybag, 40 pieces per carton

#### One-way surgical gown STANDARD sterile

Für alle operativen Eingriffe bestens geeignet. Material: SMS, blau without wet protection zone

Size	RefNo.	
medium	02 240	
large	02 241	
extra large	02 242	
XX-large	02 253	

#### Packing:

Each piece in a sterile pouch with wrapping sheet without wet protection zone: 25 pieces per carton

#### **LENGTH AND SIZES**

Size	Length	Width	
medium	125 cm	150 cm	
large	135 cm	155 cm	
extra large	145 cm	164 cm	
XX-large	155 cm	164 cm	



# Polyethylen Einmalschürzen Polyetylene Aprons Arch of 2 20 Grand On 16 200 Arch of 2 2

#### Disposable Aprons

White, non-sterile, non-woven material for single use, i.e. visitors, medical staff or patients, etc. With two ties at the hip and at the neck to close the gown at the back. Each piece in a polybag.

#### DISPOSABLE APRONS

Dimension	RefNo.
60 x 105 cm	02 222
70 x 120 cm	02 223
80 x 140 cm	02 224

#### Packing:

Each piece in a polybag 100 pieces in a master polybag 1000 pieces per outer carton

#### Disposable Apron

Ideal zic-zac layers: Remove one apron and the next one will follow through the dispenser opening for next removal.

#### **ZUPFBOX**

Dimension	RefNo.
70 x 120 cm	02 308

#### Packing:

75 pieces per dispenser box 10 boxes per outer carton

#### PE-Apron with Sleeves

Strong water resistant polyethylene foil. Blue, textured surface, non-transparent. With neckband and two strings for tying at the waist. With small thumb hole to ensure gloves will cover the arm sleeves to securely keep out any splashing liquids or other contaminating material. Ideally suited for disinfecting instruments in liquid. For one-way use.

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#### **PE-APRON WITH ARM SLEEVE**

Dimension	RefNo.
119 x 128 cm	02 251
Packing:	

#### Packing: Each piece in a polybag

10 polybags in a master polybag 10 master polybags per outer carton

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#### **Sleeve Covers**

Made of strong polyethylene foil, with elastic at both ends.

#### **SLEEVE COVERS**

J	
Color	RefNo.
white	02 218
blue	02 219

Packing: 50 pieces per polybag 40 polybags per outer carton



#### **Shoe Cover Box**

For donning shoe covers quickly. Easy to use and no contact with the contaminated area. Mechanical functionality, no power-source required, making it quick to set up. Ideal for areas with high hygienic demands, like hospitals, clean rooms, laboratories, etc. Refill pack contains 50 covers.

**Size:** approx. 47 x 25 x 19 cm

Weight: 5.85 kg Capacity: 50 pcs.

Machine: Silver colour metal plated plastic case with carrying handle.

#### SHOE COVER BOX empty

Ref.-No. 04 890

#### **REFILL PACK SHOE COVERS**

Ref.-No. 04 891





#### **Disposable Shoe Covers**

Material: PE foil. Textured surface tear resistant, water proof, colour blue. Size: medium.

Material: CPE foil. Water resistant foil with textured slip resistant surface. Very durable, colour blue. Size: large.

#### ONE-WAY SHOE COVERS

• · · · · · · · · · · · · · · · · · · ·	J	
Material	RefNo.	
PE	02 230	
CPE	02 234	
Packing:		

100 pieces per polybag 10 polybags per outer carton



#### Disposable Pants with opening

Disposable pants with rubber band in hip area. With rear opening. Flap is held open or closed by Velcro® seal fasteners. Material: Nonwoven, non-transparent

#### **DISPOSABLE PANTS** blue

Size	RefNo.
large	02 123
Packing:	

10 pieces per polybag

10 polybags per outer carton



#### **Disposable Panties**

Made of non-woven material with elastic on waist and legs. Light, soft and air permeable. For one-way use. Reinforced section up to the waist.

#### **DISPOSABLE PANTIES**

Size	RefNo.
XL (59 x 70 cm)	02 215
XXXL (66 x 75 cm)	02 216

Packing:

50 pieces per polybag 20 polybags per outer carton



#### **Beard Cover**

Non-woven, white, with rubber band, breathable.

#### **BEARD COVER**

,		
Dimension	RefNo.	
53 x 22 cm	02 237	

Packing:

100 pieces in a polybag 1000 pieces per outer carton



## Easy & Clean Sticky Mats

Sticky Mats provide a unique, costeffective solution to trap dirt before it is tracked into your workplace, office or clinic. Easy-to-use and long lasting. 30 adhesive sheets are individually removable from the pad. Used mats can be disposed easily and quickly. The mats are numbered so replacements can be obtained in advance. The underside is adhesive to keep the mat securely in place whilst in use.

#### **EASY & CLEAN**

	Blue	Tranzparent
Dimensions	RefNo.	RefNo.
45 x 90 cm	04 887	04 897
60 x 90 cm	04 888	04 898
66 x 114 cm	04 889	04 899







#### Disposable Gown

White, non-sterile, non-woven material for single use, i.e. visitors, medical staff or patients, etc. With two ties at the hip and at the neck to close the gown at the back. Each piece in a polybag.

#### **DISPOSABLE GOWN**

Size	RefNo.
X-large	02 248
XX-large	02 249

#### Packing:

Each piece in a polybag 50 pieces per outer carton

#### **Disposable Working Gown**

Made of polypropylene, 35g/qm. Suitable for labs, visitors etc. With push buttons in front, collar and breast pocket. Colour white.

#### **WORKING GOWN**

Size	RefNo.
X-large	02 192
XX-large	02 193

#### Packing:

5 pieces in a polybag 10 polybags per outer carton



#### Disposable Jacket

Disposable jacket for one-way use. Knitted cuffs and collar section for added comfort. Suitable as disposable jacket to cover clothing in the daily practice, as warming jacket etc. Keeps private clothes clean. With push buttons in front.

Material: SMS Length: approx. 70 cm

#### **DISPOSABLE JACKET**

Size	RefNo.
Universal	02 247

#### Packing:

Each piece in a polybag 50 pieces per carton

#### **Waste Removal Safety Containers**

Available in different kinds of sizes and shapes. Suggested for syringes, scalpels, etc. for safe disposal. With different kinds of lids. Securely lockable for transportation and disposal. Comply to UN and ADR standards. Autoclavable, sticker-free. For fixtures to table tops, brackets or trolleys: please ask for separate leaflet.

#### **WASTE REMOVAL SAFETY CONTAINERS**

Volume	RefNo.
0,25 Liter	04 926
0,5 Liter	04 921
1,5 Liter	04 922
2,2 Liter	04 918
3,5 Liter	04 923
4,0 Liter	04 929
6,0 Liter	04 927
6,0 Liter with flap	04 924
11 Liter	04 928
11 Liter with flap	04 925



Volume	0,25 Liter	Volume	
Height	130 mm	Height	
Lid dia.	80 mm x 45 mm	Lid dia.	
Packing	200 pcs./carton	Packing	
	4 000 ncs /nallet		

	Volume	1,5 Liter
	Height	152 mm
	Lid dia.	145 mm
s./carton	Packing	90 pcs./carto
s /nallet		1 080 ncs /nallet

Volume	3,5 Liter
Height	314 mm
Lid dia.	145 mm
Packing	50 pcs./carton
	600 pcs./pallet



Volume	2,2 Liter
Height	204 mm
Lid dia.	145 mm
Packing	70 pcs./carton
	840 pcs./pallet



Volume	6 Liter
Height	210 mm
Width	280 mm
Depth	190 mm
Packing	38 pcs./carton 456 pcs./pallet
	430 pcs./pallet





#### Sänger Surgical Barrier System

It is a system of mutually compatible elements, enabling effective prevention against infection during surgical procedures. It safely isolates any possible source of infection, especially the patients body, the operating theatre staff and equipment, and simultaneously absorbs body fluids, which may carry any infection.

#### The system contains

- surgical drapes
- adhesive tapes
- complementary drapes
- table covers, MAYO covers
- incision films
- fluid collection pouches
- sleeve covers
- covers for device

Request for our complete catalogue on surgical drapes and surgical disposables.

#### **Available Materials**

DS2

Two layer laminated material Upper layer: absorbent viscose 28 g/sqm

Under layer: impervious polyethylene foil 25 µm, for medium fluid procedure.

DS3

Three layer laminated material

Upper layer: absorbent viscose 28 g/sqm Intermediate layer: impervious polyethylene

foil 25 µm. Under layer: absorbent non-woven textile,

for high fluid procedure

#### SMS

Hydrophobic material made of 100% polypropylene non-woven textile 50 g/sqm, three layer structure spunbond-meltblown-spunbond, for low fluid procedure

#### SBPE

Two layer laminate

Upper layer: polypropylene non-woven textile 30 g/sqm

Under layer: impervious polyethylene foil 25 µm

#### PF2

Two layer laminate

Upper layer: absorbent tissue 20 g/sqm Under layer: impervious polyethylene foil 25  $\mu m$ 

Hydrophobic polypropylene non-woven textile, spunbond type

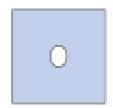
PE

Polyethylene foil

Depending on the type and kind of operation all articles can be supplied in different types of materials.

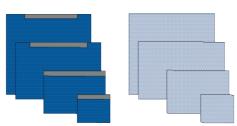
# STERILE EO

#### Surgical Drapes with Hole Material DS2



RefNo.	Dimension	Aperture	Pcs./Pack
02 354	75 x 90 cm	round ø 10 cm	1
RefNo.	Dimension	Aperture	Pcs./Pack
02 356	75 x 120 cm	round ø 10 cm	1
ArtNr.	Dimension	Aperture	Pcs./Pack
02 357	100 x 150 cm	oval 6 x 8 cm	1

### Surgical Drapes, sterile For Patients and Inventory



Material: hydrophobic SMS polypropylene nonwoven material 50 g/sqm, 3-layered material, type: meltblow-spunbond-meltblown - or low fluid procedures

#### **SURGICAL DRAPES** Material: SMS

RefNo.	Dimension	Adhesive tape	Pcs./Pack
02 270	50 x 50 cm		1
02 271	50 x 70 cm		1
02 274	75 x 90 cm		1
02 286	100 x 120 cm	5 x 80 cm	1
02 287	150 x 180 cm	8 x 80 cm	1

Material: PF2, 2-layered laminated material, liquid resistant. Upper layer: absorbent cellulose 20 g/sqm. Under layer: impervious polyethylene foil 20 µm for low fluid procedures

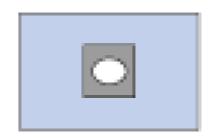
#### **SURGICAL DRAPES** Material: PF2

RefNo	o. Dimension	Adhesive tape	Pcs./Pack	
02 290	50 x 50 cm		1	
02 291	50 x 70 cm		1	
02 294	75 x 90 cm		1	
02 301	50 x 50 cm	2,5 x 50 cm	1	
02 302	50 x 70 cm	2,5 x 50 cm	1	
02 305	75 x 90 cm	2 5 x 90 cm	1	

#### Fenestral Drapes with adhesive area Material DS2

RefNo.	02 361	
Dimension	45 x 75 cm	
Aperture	oval 6 x 8 cm	
Pcs./Pack	1	

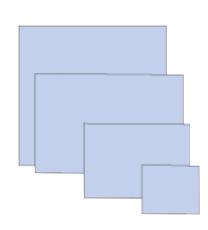
RefNo.	02 365	
Dimension	75 x 90 cm	
Aperture	round ø 10 cm	
Pcs./Pack	1	



#### **Surgical Drapes Material DS2**

RefNo.	02 310
Dimension	50 x 50 cm
Pcs./Pack	1

RefNo.	02 311
Dimension	50 x 70 cm
Pcs./Pack	1



#### **Tube Cover with Mounting Aid**

RefNo.	02 476	
Dimension	8 cm x 120 cm	
Pcs./Pack	1	



#### Tube cover polyethylene

RefNo.	02 475	
Dimension	8 cm x 120 cm	
Pcs./Pack	1	



### **Adhesive Tape**

Self-adhesive surgical tape with absorbent surface area. Material: NV28

RefNo.	02 457	
Dimension	5 cm x 30 cm	
Pcs./Pack	1	



#### **Rubber Hot Water Bottle**

Made of high quality rubber with a worldwide reputation of outstanding quality and safety. 2 Litre rubber hot water bottles from Sänger's own production are CE approved.

With user and cleaning instruction sheet in each carton. Many other types and sizes can be supplied. Request for our full hot water bottle catalogue.

#### **HOT WATER BOTTLE**

Colour	RefNo.
white	13 630
yellow	13 621
orange	13 628
red	13 624
pink	13 627
light purple	13 635
light blue	13 629
blue	13 623
bright green	13 636

#### Packing:

25 pieces per carton



#### SängerPlast Sensitive

Hypoallergenic wound plaster for delicate skin sections such as face skin, neck, skin of children and elderly etc.

Good adhesive, air permeable and no skin irritations. Air permeable through cell structure of the material.

Easy removing. Pad does not stick to the wound surface. Hypoallergenic adhesive avoids any skin irritation. Radiotransparent. Roll can be cut to individual sizes. Non-sterile.



#### **SENTENSIVE**

mension	RefNo.	
-m x 5 m	03 465	

#### Packing:

1x roll per box

24 boxes per outer carton

#### Cohesive bandage

- Non-slip, even when repeatedly re-opened or re-fitting the bandage.
- Light weight, porous and lets skin breathe.
- Soft but tension resistant material, with a tensile strength of min 85N.
- Comfortable bandage which does not require clips to deliver controlled compression.
- Protects wound bandages.
- Water repellant: Will not come off by water or sweat.



#### **HAFT-O-FLEX**

Dimension	ArtNr.	Rolls / Box
2,5 cm x 450 cm	15 320	60

#### Packing:

Individually packed in PP-bag, Colour: skin



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#### **Sport Tape**

For non elastic tape bandages to stabilise joints and prevent sports injuries from all kinds of exercises. The tape can be torn without scissors lengthwise and across. Adheres well to skin and other surfaces and does not easily come off, even under sweaty or wet conditions.

Does not leave trace particles behind when being removed from skin or from other surfaces i.e. guards, socks, shoes, etc.

Made of 100% cotton with zinc-oxide-adhesive. Tested for anti-allergenic and non-irritational properties. Water resistant. Ideal for use as functional supporting bandage. Prevents sprains and protects from injuries during recovery period. Can be used in the treatment of luxations and is used as protective measure from injuries during sports activities.

#### **SPORT TAPE**

Dimension	RefNo.	Rolls / Box	Rolls / Carton
2,50 cm x 10 m	03 481	12	288
3.75 cm x 10 m	03 480	10	250













#### Cold-Warm Gel Pads

Cold-Warm Gel Pads for multiple use to relieve pain. Made from strong PE outer bag for long durability. Adapts well to bodyshape. Easy to clean. Contents: Non-toxic

	RefNr. Cold Gel	Dimension Pads	Packing
A		5,5 x 12 cm	50 pcs./box
			Only available in boxes
	Cold / Wa	arm Gel Pad	S
B	03 632	13 x 14 cm	50 pcs./box
G	03 633	12 x 29 cm	25 pcs./box



#### Ice Bag

Ideal for treating head aches and inflammation. Fill the ice bag with ice cubes or ice water and place the bag for relief. Ice bag is covered with cloth material and can be hand washed. Ice bag is flexible and fits to any body contour. Ideally suited for tooth aches or tooth extractions. For heat therapy fill the bag with hand warm water. Diameter: 12,5 cm

#### **ICE BAG**

Ref.-No.

03 611

Packing:

1 piece per box





#### Instant Ice Bag

Instant ice whereever and whenever needed. Without using the refrigerator, deep freezer or cooling bag. Ideal for outdoor activities, in sports, for families or when travelling. Just squeeze the inner water bag and contents of instant ice bag starts its endothermic reaction obtaining an instant cooling temperature between -4°C to -8°C within seconds. Shake the bag briefly and apply to the area concerned. This will give instantaneous relief.

#### **INSTANT ICE BAG**

Ref.-No.

03 630

Packing:

25 pieces per outer carton



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#### Serviettes with Pouch

Surface layer of strong absorbing paper with under layer of liquid resistant PE-foil to protect the clothing. With pouch at the bottom to additionally collect liquids. With loop around the neck for easy donning. Size: 38 cm x 68 cm with additional 10 cm pouch.



#### **SERVIETTES WITH POUCH**

Colour RefN	
blue 03 376	5

Packing:

600 pieces per carton



## **Disposable Serviettes**

2-layer cellulose material with waterproof underside as third layer for secure protection against splashes or dirt marks on clothes. Highly absorbent. Size: 45 x 33 cm. Non-sterile.



#### **DISPOSABLE SERVIETTES**

Colour	RefNo.
white	03 320
green	03 321
apple green	03 331
blue	03 322
pastel blue	03 330
lila	03 332
yellow	03 323
rose	03 324
pink	03 333
orange	03 319
Bear	03 334

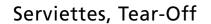
Packing: 500 serviettes per pack

#### **DISPENSERBOX**

Colour	RefNo.
Transparent	04 321
Dimension: H	15 cm x W 19 cm x T 17 cm

Packing:

1 Dispenserbox per outer carton



Surface layer of strong absorbing paper with under layer of liquid resistant PE-foil to protect the clothing. For tying at the back. On roll with tear-off perforations



#### SERVIETTES, TEAR-OFF

	Colour	RefNo.
	Dimension: 50 x 60 cm	
	white	03 370
	blue	03 371
	green	03 372

Dimension: 50 x 80	O cm	
white	03 373	
blue	03 374	
green	03 375	

#### Packing:

Packing size 50 cm x 60 cm: 80 serviettes per roll 6 rolls per carton Packing size 50 cm x 80 cm: 60 serviettes per roll 6 rolls per carton

Dispenser for 1	Tear-off serviettes
white	04 322





Dimension: 90 x 85 cm,



# Dimension: 90 x 75 cm

Washable pad,

niture from soiling.

**WASHABLE PAD** 

Dimension

Packing: 1 piece per polybag

90 cm x 75 cm

90 cm x 85 cm

20 pieces per carton

Material: Polyester / Viscose

Absorption capacity: approx. 1000 ml - 1200 ml

Ref.-No.

03 780

03 781

Liquid-proof + absorbent

For adults and children: Four-layer reusable system

Machine washable underpad with soft surface. Will not crinkle

when used to avoid pressure points on human skin, which cause wounds. Long lasting quilting seams. Can be boil washed repeatedly with short drying period in household or professional dryer. Washing instructions are provided. For use with elderly people, bed ridden persons or children. Will protect mattresses, chairs and fur-



## Matress protection

Hygienic cover of mattresses and treatment tables. Rapid change and stretcher possible, no washing required. Material: Polypropylene

#### **MATRESS PROTECTION**

Dimension	RefNo.
90 x 200 x 20 cm	04 511

60 pieces per carton

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#### **Disposable Cups**

Strong Polystyrene cups suitable for cold or warm liquids. Strong material for easy handling.

#### **DISPOSABLE CUPS**

Colour	RefNo.
200 ml	
white	03 660

#### Packing:

100 pieces per pack 3.000 pieces per outer carton

100 pieces per pack

3.000 pieces per outer carton

		orano
		light
DICDOCAD	I F CLIDS	pink
DISPOSABLE CUPS		yellov
Colour	RefNo.	green
166 ml		dark
white	03 667	red
Packing:		Pack

#### TRAY PAPER

50 pieces per pack

1.500 pieces per outer carton

111/11	1 / VI = IV	
Colour	RefNo.	
white	03 326	
blue	03 327	
green	03 328	
yellow	03 329	

**DISPOSABLE CUPS** 

Ref.-No.

03 658

03 659 03 661

03 662

03 663

03 664

03 665 03 666

Colour

200 ml

flieder

250 pieces shrink wrapped 10 pack per outer carton

#### Tray Paper

Ideal for standard metal trays. This filter paper can be used on the base of the tray. Weight: 55g/sqm +/-2g. Cellulose free, bleached without use of chlorine or dioxin. No recycling materials. Free of formaldehyde and optical bleaching agents. Colour fast. Available in colours white, blue, green and yellow. Size: 28 x 18cm.



## **One-Way Washing Towel**

Blue and white colour non-woven material with soft surface texture. Edges sewn and extremely soft and durable. Colour: blue/white, non-sterile. Size: 15 x 23 cm



#### **WASHING TOWER**

	IOVVLL
Colour	RefNo.
blue	03 162
Diuc	03 102

#### Packing:

100 pieces per polybag 10 polybags per outer carton

#### Pill Cutter / Pill Crusher

Pill cutter with blade in the lid for exact cutting of tablets, capsules, pills etc with 3 compartments for storage. The pill crusher is situated at the opposite end. Crushing is done by tightening the lid.





#### **PILL CUTTER / PILL CRUSHER**

Dimension Ref.-No. 40 x 63 mm 03 614

Packing:

1 pieces per dispenser box 100 boxes per outer carton



Pill Cutter



Pill Crusher



Compartment

#### 7 Day Pill Box

Days are visibly marked on the cover lid. Seven separate compartments, one for each day for the required quantum of pills. Handy to carry in pocket or hand bag. When opening one day's compartment all other six compartments remain closed.





#### 7 DAY PILL BOX

Ref.-No.

03 602

#### Packing:

1 piece per blister bag 400 pieces per outer carton

#### **Exam Table Cover**

For quick and easy covering of examination tables or chairs. No washing required, One-way product. Material: Polypropylen





#### **EXAM TABLE COVER**

Dimension Ref.-No. 90 x 190 cm 04 510

Packing: 100 pieces/carton

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#### **Exam Table Sheets**

Surface layer of strong absorbent paper with one layer of liquid resistant PE-foil underneath to protect medical examination tables from getting soiled. Keeps examination table clean enabling speedy change of sheets in between patient. In 39 cm tear-off perforations.

#### **EXAM TABLE SHEETS**

Colour	Length	Width	RefNo.
white	50 m	50 cm	03 377
blue	50 m	0 m 50 cm 03 377 0 m 50 cm 03 378 0 m 50 cm 03 379 0 m 50 cm 03 387 0 m 50 cm 03 388	
green	50 m	50 cm	03 379
white	100 m	50 cm 03 377 50 cm 03 378 50 cm 03 379 m 50 cm 03 387 m 50 cm 03 388	
blue	100 m	50 cm	60 cm 03 387
green	100 m	50 cm 03 3 50 cm 03 3 50 cm 03 3 50 cm 03 3	03 389

#### Packing:

6 rolls per carton



# **Disposable Slippers**

Disposable Slippers with firm EVA sole and covered toes. Size: Length approx. 28 cm

#### **DISPOSABLE SLIPPERS**

Ref.-No.

04 508

Packing:

1 pair per polybag

100 polybags per carton



#### **Disposable Slippers**

Disposable Slippers with firm EVA sole and exposed toes. Size: approx 28 cm

#### **DISPOSABLE SLIPPERS**

Ref.-No.

04 507 Packing:

1 pair per polybag 100 polybags per carton





#### **Bath and Shower Mats**

#### Reliable slip protection through:

- Anti-slip surface
- Extra strong suction cups on the bottom give a secure hold
- Checked for slip resistance
- Perforated, therefore a good water drainage is guaranteed
- Easy maintenance: shower off after use or wash in the washing machine at 40 ° C
- Production certified according to ISO 9001: 2015
- Material: natural rubber
- PVC-free

#### Packaging:

Individually in a polybag with:

■ Carrier handle ■ EAN Code

Care instructions ■ 10 pieces per carton box

Washing instructions are embossed on the bottom in 4 languages: German, English, French and Spanish.

	<b>Bath Mats</b> 76 x 34 cm	<b>Bath Mats</b> 96 x 34 cm	Head Rest	Bath Mats 76 x 34 cm and Head Rest Set
Colour	RefNo.	RefNo.	RefNo.	RefNo.
mint green	13 742	13 762	13 782	13 842
light blue	13 739	13 759	13 779	13 839
pastel purple	13 746	13 766	13 786	13 846
white	13 740	13 760	13 780	13 840
melba	13 744	13 764	13 784	13 844
yellow	13 743	13 763	13 783	13 843
orange	13 745	13 765	13 785	13 845
red	13 734	13 754	13 774	13 834
pink	13 738	13 758	13 778	13 838
apple green	13 747	13 767	13 787	13 847
blue	13 733	13 753	13 773	13 833

### Rubber head rest for bath tubes

for a comfortable, relaxing bath experience, suction cups on the bottom keep the mat safely in place.





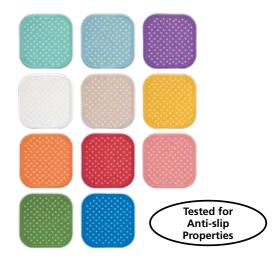
#### **Shower Mats** 56 x 56 cm

Colour	RefNo.
mint green	13 722
light blue	13 719
pastel purple	13 726
white	13 720
melba	13 724
yellow	13 723
orange	13 725
red	13 714
pink	13 718
apple green	13 727
blue	13 713





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#### **Overview Chemical Resistances**

	~		E	RENE	Sänger PRIMA®
	LATEX	VINY	NITRIL	NEOP	Sänge
Acetic Acid (Food)	++	+	++	++	
Acetic Acid concentrated	-	-		+	
Acetic Acid 50%			+		++
Acetic Acid Anhydride	++	++	=	++	
Acetone Acetonitrile					++
Acrylates		++			++
Acrylic Acid	++		+	_	
Alcohol Based					
Desinfection Agents			++		
Alcoholic Drinks	++	++	++	++	
Aldehydes			++		
Ammonium Acetate	++		++	++	
Ammonium Carbonate	++		++	++	
Ammonium Hydroxide (30%)					++
Ammonium Nitrate				++	
Animal Fats	-	+	++	++	
Aqua Regia Acetic Acid, Glacial		-	+	++	
<b>B</b> attery Acid	+	+		++	
Benzene			_		
Benzyl Alcohol			++	-	
Bleaching Agents	+	+	++	++	
Borax	++	++	++	++	
Brake Oil	-	+	++	++	
Bromine			++		
Bromide	-	-	++	++	
Bromopropionic Acid	-	-	-	+	
Butoxyethanol	+	-	++	++	
Butter Butyl Acetate		-	++	++	
Butylene	-	-	++	+	
<b>C</b> alcium chloride	++	++	++	++	
Calcium Hydroxide	++	++	++	++	
Calcium Nitrate	++	++	++	++	
Calcium Phosphate	++	++	++	++	
Calcium Hypochloride	++	++	++	++	
Caustic Soda Solution 3.85 %	++				
Chlorine	-	-	++	++	
Chlorine Acetone	++	-	-	++	
Chloroform			-		
Chlorine Benzene Chromic Acid		+	-	-	
Citric Acid 30-70%	++	++	++	++	
Cyclohexane			++		
Cyclohexanol		+	++	+	
<b>D</b> iacetone Alcohol	++	-	+	++	
1.2-Dichloroethane			-		
Dibutyl Phthalate			++		
Dichlorethane					
Diesel Fuel		+	++	-	
Diethanolamine	+	++	++	++	
Diethylamine			-		
Di-Isobutyl Ketone, DIBK				+	
Dimethyl Sulphoxide, DMSO			-	+	
Dithylether Domestic Cleaning Agents	1.1	4.1	-	11	
Ethanolamine	++	++	+	++	
Ethanol	+	++	++	++	++
Ethidium Bromide			++		
Ethyl Acetate			-		+
<b>F</b> ertilizer	++	++	++	++	

	LATEX	VINYL	NITRILE	NEOPRENE	Sänger PRIMA® NEOTRIL
Formaldehyde 30%		-	++	-	++
Formalin Solution	+				
Formic Acid		+	-	++	
Freon 133 TF			++	-	
Freon TMC					
Fuel Oil	-	+	++	+	
Furfural					
<b>G</b> amma-Butyrolacetone					
Glycerin		+	++	++	
Glycerophtali Colours		-	++	-	
Glycole	++	++	++	++	
Hair Bleaching Agents	++		++	++	
Hair Dye		++	++		
Hair Fixing Agents Hair Shampoo	++	++	++	++	
'	++	++	++	++	
Hexamethyldisilazane Hexane			+		
Hydraulic Oil			++		
Hydrazine	-	++	+		
Hydrochloric Acid 37%	-	++	++	++	++
Hydrofluoric Acid (48%)			++		++
Hydrofluoric Acid (48%)					++
Hydrogen Peroxide	++	+	++		
Hydrogen Peroxide	++	++	++	++	
Hydroquinone	+	++	++	++	
Isobutanole	+	+	+	+	
Isobutyl Ketone					
Isooctane			++	_	
Isopropyl Alcohol			++	+	++
<b>K</b> erosene		+	++	+	TT
Lactic Acid 85%	++	++	++	++	
Linseed Oil		-	++	++	
Lubricating Oil		-	++	-	
Magnesium Oxide	++	++	++	++	
MEK					+
Methanole			-		++
Methyl		+	+		
Methylacryl Acid			-		
Methyl Acryl Esther (MAE)	-	+	+		
Methyl Ethyl Ketone			-		
Methyl Isobutyl Ketone			-		
Methylene Chloride					
Milk And Milk Products	-		++	++	
Mineral Grease		-	++	-	
Monomere	-	+	+		
<b>N</b> aphtha		-	++	-	
Naptha VM&P			+		
n-Butanole		-	-	++	
Nitrobenzene			-		
n-Methyl-2-Pyrrolidone			-		++
n-Octanol		-	++	-	
Non-Alkoholic Drinks	++	++	++	++	
Oleic Acid	+	+	++	++	
Olive Oil		-	++	++	
Oxalic Acid	++	++	++	++	
Oxalic Acid, Saturated	++	++	++	++	
Palmitic Acid, saturated		-		++	
1.2-Phenylendiamines					
Solution, saturated	++				
,	++	-	++	-	

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- usually the glove material is suitable for the menti oned substance and will only show a mild degenra
- gloves made of this material have only a very limi ted suitability for the chemical substance
- gloves made of this material are not suitable for the corresponding chemical substance

no Symbol no results known

The above list includes information generally known in the gloves trade, for which we do not resume any responsibility or guaran-

It merely serves as orientation aid. Protection against chemicals and substances is always depending on many factors, i.e. glove material, contact time, temperature etc. Disposable gloves usually provide a very limited protection against chemicals.



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