

Dear Customer,

In everyday life we often use gloves without any difficulty. We wear gloves in the kitchen, cleaning the bathroom, when working in the garden, or in the workshop.

It is not always easy to choose the right kind of glove. There are many different types of disposable gloves, household gloves, working gloves for mechanical or chemical risks. All are made of different materials, with different coatings, in many sizes, thicknesses and weights. Choose the right glove or let us help you find the correct glove for your program that meets your needs.

Sänger is your reliable and competent partner. With more than 34 years of experience, we offer a wide range of products covering a scope of gloves for a wide range of applications.

Another important advantage of Sänger is the vertical integration of our company. We produce most of the offered gloves by ourselves, our partners operate latex plantations in which the raw materials are won. Our quality management starts with the environmentally-friendly harvest, the good manufacturing practice and the quality control, which is maintained in every production stage, up to the distribution of the gloves. This makes Sänger GmbH a reliable and powerful partner, which stands for a consistently high quality.

Our gloves give you the feeling of wearing a second, protective skin on your hands. They are lighter, extremely breathable, have the best protection properties and are competitively priced in comparison with the comparable products in the market.

Sänger – a name that stands for innovation, fresh design and good service. See for yourself!

Yours sincerely

Sänger GmbH



Manufacturing Gloves









Nursery for rubber trees

Latex tapping

Production of household, disposable and garden gloves as well as gloves for protection against chemical risks







Yarn production







Yarn dyeing









Knitting and coating gloves

Quality standards of the latest Sänger Working Gloves



Oeko-Tex Standard 100 is an independent testing and certification system for textile products from all stages of production fibres, yarns, liner fabrics and ready-to-use gloves. Gloves that carry the label ,Confidence in Textiles' are tested for harmful substances from environmental friendly production and are certified to be skin safe from the moment they come into contact



Sanitized® is a hygiene function that offers a long-lasting safe and fresh wearing comfort all day long. Its antimicrobial hygene function protects our gloves and eliminates the growth of bacteria, fungus and bad smell. SANITIZED is committed to responsible ecological practices . As last step in our production process each glove is washed with hot water to provide gloves of highest cleanliness to our customers. Each glove is dried in hot air.



Water Utilization

The water which is used in washing our gloves is purified rain water. The waste water is continually recycled in our own ecological waste water treatment plant for our own usage.



CO2 Neutral

The most consistent form of carbon-neutral energy use is the use of greenhouse gas-free energy sources. Using wood as fuel and no use of fossil fuels is one of the major carbon-neutrality. Since our rubber plantations re-plant more trees than the trees we use for fire wood, we safely ensure the carbon neutrality.



FSC-Forest Stewardship Council

The Forest Stewardship Council (FSC) is an international not for-profit, multi-stakeholder organization established in 1993 to promote responsible management of the world's forests. Its main tools for achieving this are standard setting, certification and labeling of forest products. The FSC promotes these goals through auditing Management of Forests, Chain of Custody, Social Policy, Monitoring and Evaluation, Quality Assurance and Ecosystem Services. Use of the FSC logo for our latex is intended to signify that the product comes from responsible sources — environmentally appropriate, socially beneficial and economically



REACH Regulations

The Regulation of Registration, Evaluation, Authorization and Restriction of Chemicals REACH guarantees a high protection level for humans and environment against chemical pollution. All the raw materials we use in the production of gloves strictly comply with these European Chemical Regulations



BSCI membership

The Business Social Compliance Initiative is a European leading business-driven development-orientated initiative for companies committed to improving working conditions in factories worldwide. The BSCI offers a surveillance and qualification system in order to create the ability to improve the working conditions of employees which is applicable to all sectors and sourcing countries. Our production is BSCI certified and strictly keeps to these European BSCI norms.



BRC Global Standard

BRC Global Standards is a leading safety and quality certification programme, used by over 22,000 certificated suppliers in 123 countries, with certification issued through a worldwide network of accredited certification bodies. Having this standard guarantee the standardization of quality, safety and operational criteria and ensure our manufacturing plants fulfill their legal obligations and provide protection for the end consumer.

Quality Control





Puncture resistance test

Cut resistance test

Content

Household gloves /

Disposable gloves Prima 6-7 8 Fine Protektor 9 Sensitiv 10 11 Magno Grip 13 Lucy 14 Nora 15 Manu Griff Manu Protekt 16 Deltatex / Eris 17 PE 18 19 Manu Vin

21

Chemical protection gloves

Arktis

Professional Allround	12
Arnold S	20
Gobi	22
Neutron 35	24
Norma	25
Nola	26
Kara	27
Robo	28
Vega	29

Gardening gloves

Handy Winter	23
Armstrong	30-31
Rosen Gloves	32
Lancor	33
Adoro	34-35
Paula	36
Ultralight	37
Kim	38
Goatskin Glove	39
Carla	40
Peggy	41

Handyman gloves

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Welder	42
Henry Leather	43
Lumberjack	44
Assembly	45
Paver Gloves	46
Multifunction	47
Rottex	48

Cut-resistant gloves

Dondra	49
Manutex	50
Herkules / Atlas Guard	51
Nindo/Libra	52
Kastor/Diabolo	53

Winter Gloves

Winter	54
Kaltex	55
Polartex	56
Winter-Outdoor	57
Cappella Winter	58
Thermo	59
Royal	60
Skiing Gloves	61

Mechanical protective gloves

Multitex Market Comparison	62
Multitex	63
Oilatex	64
Flexitex	65
Nimbus & Nimbus Grip	66
Savannah	67
Sirius	68
Cappella 7	69
Cappella 13	70
Cotton Knitted Gloves	71

Hunting and fishing gloves, other

Kurt	72
Philip	73
Tom	74
Barbecue	75
Emma	76

We produce the gloves shown in this catalogue as a regular product for our stocked range or as a campaign item. The packaging types can be modified as per request.

Depending on the style, individual changes can be considered. Deliveries are made according to the conditions FOB, CFR, EXW (warehouse Germany) or free domicile.

Abrasion test

Sänger PRIMA

the new standard for household gloves

Sänger Prima sets new standards for household gloves. Universally usable, very resilient and comfortable. The texture pattern on the finger tips and palms allows a better grip while the velour inner lining ensures high wearing comfort. The glove is made to resist standard household cleaning agents.

Sänger Prima household gloves are household gloves of first choice for household gloves.

- Natural latex
- Velour inner lining
- Slip-resistent
- Textured surface
- Anatomically shaped
- Low Protein content
- Length: 30 cm
- Beaded or zic-zac cuff

Colour Chart



Sunshine Yellow

Size	Ret.
small	11 101
medium	11 102
large	11 103
x-large	11 104

Steel Blue

Size	Ref.
small	11 17
medium	11 17
large	11 17
x-large	11 17

Weight: 48 g/pair

Packing 1

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









for delicate work

Sänger Fine is a light weight glove made for delicate household work which requires great tactile properties. A new production technique enables the manufacturing of a lighter glove which provides good protection. This glove is very economical and has the best sense of touch.

- Natural latex
- Velour inner lining
- Slip-resistent
- Textured surface
- Anatomically shaped
- Low Protein content
- Length: 30 cm
- Beaded or zic-zac cuff

Weight: 40 g/pair

Colour Chart



candy pink

CE

Candy pink

Size	Ref.
small	11306
medium	11307
arge	11308
/_largo	11309

Packing

10 pairs per master polybag 100 pairs per outer carton

PROTEKTOR for more protection

Sänger Protektor grants the user a high level of protection through its thickness providing durablility. Recommended for work with brushes, metal sponges or cleaning agents.

- Natural latex
- Velour inner lining
- Slip-resistent
- Textured surface
- Anatomically shaped
- Low Protein content
- Length: 30 cm
- Beaded or zic-zac cuff

Weight: 60 g/pair

Colour Chart



turquoise purple blue

Purple

Size	Ref.
small	11001
medium	11002
arge	11003
k-large	11004

Packing

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



sänger

Africa Man

Sensitiv

This glove is suited for persons who are sensitive against natural latex. The Sänger Sensitiv is manufactured 100% out of nitrile and is free of natural latex.

- Nitrile
- Velours lining
- Slip-resistent texture
- Anatomical shaped
- Protein-free
- Length: 30 cm
- Straight cuff

Weight: 42 g/pair

Colour Chart:

turquoise green

Size	Ref.
small	11 011
medium	11 012
large	11 013
x-large	11 014

Packing

1 pair per polybag

10 pairs per master polybag 100 pairs per outer carton







Magno Grip is a glove for high demands. A special surface texture around the glove's cuff and fingers provide enhanced tactile grip. The thickness of the material ensures durable protection against physical demands, chemical and biological hazards. The Magno Grip glove is suited for all kinds of work in the household sector.

- Natural latex
- Velour inner lining
- Slip-resistent texture
- Anatomically shaped
- Low Protein content
- Length: 30 cm
- Beaded cuff

Weight: 71 g/pair

Colour Chart		Size	Ref.
	yellow	small	11 201
	blue	medium	11 202
Dide	large	11 203	
Dacking		x-large	11 204

1 pair per polybag 1 pair per polybag
10 pairs per master polybag

(C) 50 pairs per outer carton







Sänger Professional Alround protection gloves

Reliable protective gloves of natural latex with comfortable inner flocking. The hands are reliably protected against numerous household detergents and

The strong glove, manufactured with state-of-the-art technology is available in four identification colours of the cleaning industry.

Colour Chart

yellow

blue



for toilet seats, tiles of

surrounding area



for sanitary facilities such as washbasins, tiles, mirrors and shower cabins



for objects like desks, chairs, shelves and doors



for cleaning and disinfection jobs in the kitchen

- Natural latex
- Velours inner flocking
- Anti-slip profile
- Anatomical shape
- Low protein content
- Length: 30 cm

11 071

11 072

11 073

11 074

Beaded cuff



Green

Size

small

large

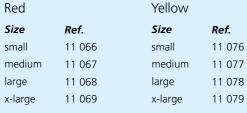
x-large

medium

Weight: 70 g/pair



excellent dexterity

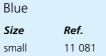


Packing units:

1 pair per polybag

100 pairs per outer carton

Size small medium large x-large

























This glove is another innovation by Sänger in the segment of household gloves. This highquality glove has an additional decorative cuff that is soft and

comfortable for extra protection.

- Naturel latex
- Velours inner lining
- Anti-slip-surface
- Anatomical fit
- Low protein content
- Length: 38 cm
- Vinyl cuff

Weight: 70 g/pair

Colour Chart

apple green lavender purple sunshine yellow

CE

13

Lavender Purple

Size

medium 11 233

Packing

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



12

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NORA the Classic

The classic **Sänger Nora** is a PVC household glove with or without soft inner flock lining and a zic-zac cuff edge. The glove is a latex free alternative wherever a glove for multiple use is required for cleaning and household use. Free of phthalate softening agents. Reliable protection against wetness and dirt. PVC with or without inner flocking Surface profile Anatomically shaped Free of proteins, latex or phthalates Length: 31 cm Zic-Zac cuff Weight: 70 g/pair Colour Chart Ref. medium 11 597 white 11 598 large light blue x-large 11 599 Packing 1 pair per polybag 10 pairs per master polybag 10 pairs per master polybag

MANU GRIFF disposable latex gloves

Sänger ManuGriff is an elastic natural latex glove providing best grip and protection. Ideal for light household work.

This glove is a very economical solution to keep hands clean and dry.

- Naturel latex
- Powder-free
- Protein-free
- Ambidextrous wearable
- Thiuram-free
- Length: 24 cm
- Beaded cuff

Colour Chart

natural

11 242 11 243

Packing

50 pieces per dispenser box 8 dispenser boxes per outer carton







MANU PROTEKT disposable nitrile gloves





disposable polyethylene gloves



MANU VIN disposable vinyl glove



Arnold 5 natural rubber latex



Sänger Arnold S convinces by its ergonomic fit and flexibility. This glove is very comfortable to wear with soft flock lining. Reliable protection throughout the day.

- Strong beaded cuff to keep water drops out
- Soft cotton inner flocking up to the wrist
- Sweat absorbing and highly comfortable

Colour Chart	Size	Ref.
Black	small	11 781
	medium	11 782
	large	11 783
	x-large	11 784
	vv-large	11 785







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





Sänger Arktis is a knitted jersey glove with full latex coating and textured palm for extra grip in a dry or wet environment. A subsequent special treatment offers additional abrasion and cut resistance. The Arktis glove is particularly suitable to protect the hands against cold temperatures.

- Cotton jersey
- Latex coating
- Anatomical fit
- Length: 30 cm
- Straight cuff edge

Colour Cha	rt	Size	Ref.
	Blue	small	11 450
The same		medium	11 451
		large	11 452
		x-large	11 453
		vv-large	11 /5/











Packing

- 1 pair per poly bag 12 pairs per master polybag
- 144 paires per outer carton

Protection against chemical hazards:	Group	Rat
Methanol	Α	2
Sodium hydroxide, 40%	K	6
Sulphuric acid,, 96%	L	2
Formaldehyde, 37%	-	6



Gobi with extra grip



Sänger Gobi is ideal for heavy work in a cold and wet environment and protects against rough surfaces. Whether in the building industry or for work with stones, glass, metal and in the fishing industry – the roughened latex surface provides a very good and secure grip. Reduced sweating due to inner cotton lining.

- Fluid-proof latex full coating with rough, crinkled surface on the hand and a smooth surface cuff
- Seamless knitted cotton inner lining
- Resistant protective coating
- Anatomicaly shaped
- Natural cotton for reduced sweating

Colour Chart

orange

Green		Orange	Orange	
Size	Ref.	Size	Ref.	
small	11 281	small	11 286	
medium	11 282	medium	11 287	
large	11 283	large	11 288	
x-large	11 284	x-large	11 289	
xx-large	11 285	xx-large	11 290	

Packing

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



C€ 0120







Handy Winter secure grip – extra warm

Sänger Handy Winter has a fluffy warming polyester fleece inside to keep the hands warm and flexible. With its textured surface it is ideal for all jobs requiring a safe grip in a cold and wet environment

- 100% polyester feece
- Latex coating
- Anatomically shaped
- Length: 30 cm
- Zic-Zac cuff

Colour Chart



Srown		Blue	
Size	Ref.	Size	Ref.
small	11 126	small	11 226
medium	11 127	medium	11 227
large	11 128	large	11 228
x-large	11 129	x-large	11 229
xx-large	11 130	xx-large	11 230

Lancor Garden

Warm, soft lined glove with thick latex crinkled full coating with gauntlet for easy donning. Keep handy warm and dry.

Colour:

Ref. Size 25 175 small 25 176 medium 25 177 large 25 178 x-large 25 179 xx-large

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Neutron 35 for chemical protection



24

Norma the light nitrile glove

Sänger glove Norma is a nitrile glove without inner lining for hygienic work in the food industry. Good chemical resistance against many chemicals. The pyramid surface provides a good grip even on moist surfaces. Low-fatigue working due to high flexibility.

- Nitrile
- no inner flock lining
- Pyramid surface design
- Anatomically shaped
- Extra-long: 33 cm
- Latex-free

Colour Chart

	blue
Size	Ref.
small	11 380
medium	11 381
large	11 382
x-large	11 383
xx-large	11 384
xxx-large	11 385

Packing

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

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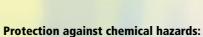












	Group	Rat
Chemical product		
N-Heptane	J	6
Sodium hydroxide, 40%	K	6
Sulphuric acid, 96%	L	2



NO 0 for double protection



Sänger Nola offers double protection: the yellow, flexible latex glove is reinforced with a second layer of green, chemical-resistant nitrile. For work where chemicals are handled. Due to its yellow latex coating, the gloves offer supple working and good comfort.

- Green nitrile for extra protection
- Flexible, yellow latex glove
- Good chemical protection
- Suitable for foodstuffs
- Length: 30 cm
- Zic-Zac cuff

Colour Chart



green/yellow

Packing

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









Protection against chemical hazards:	Group	Ra
Chemical products:		
Methanol	Α	3
Sodium hydroxide, 40%	K	6
Sulphuric acid,, 96%	L	2

Kara for tough stuff

Sänger Kara is a particularly strong glove, which is predestined by its material thickness and surface finish for heavy work and withstands many chemicals, oils and grease for a long time. A textured surface provides an extra good grip.

- Natural latex with strong neoprene coating
- Seamless jersey lining
- Chemical Protection
- Strong mechanical protection
- Length: 30 cm

Colour Chart

blue/black orange/black

Diue/Diack		orange/bi	dCK
Size	Ref.	Size	Ref.
small	11 481	small	11 48
medium	11 482	medium	11 48
large	11 483	large	11 48
x-large	11 484	x-large	11 48
xx-large	11 485	xx-large	11 49

Packing

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

Chemicals	Group	Rating
Sodium hydroxide, 40 %	K	2
Nitric acid, 65 %	M	6
Acetic acid 99 %	N	6

EN 388:2016 EN 374-3:2016

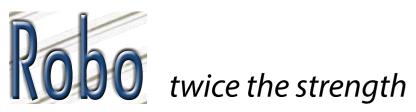














Sänger Robo is the glove for particularly tough work in the household. The yellow latex has great support by a layer of red neoprene. The red area is resistant to high mechanical loads as well as to many chemicals. Recommended for demanding cleaning work with abrasive material. The extra comfortable inner coating made of extra thick and soft cotton flock provides increased moisture absorption and leaves the hands pleasantly dry.

- Natural latex with red neoprene layer
- Double-walled, two-colours
- Extra thick Inner lining made of cotton flock
- High mechanical resistance
- Low protein content
- Length: 30 cm / for heavy duty

Packing

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

Colour Chart

	yellow/red	
Size	Ref.	
small	11 420	
medium	11 425	Also available: NANO gloves for
large	11 426	protection agains
x-large	11 427	chemical hazards









Protection against chemical hazards:	Group	Ratir
Chemical products:		
Methanol	Α	3
Sodium hydroxide, 40%	K	6
Sulphuric acid,, 96%	L	2

Vega made of neoprene

Sänger Vega gloves are known as an allrounder when it comes to the protection against chemicals. The cotton inner coating ensures comfort. The particularly high abrasion resistance gives this glove a long life.

- Neoprene
- For heavy duty
- Inner lining made of cotton flock
- High mechanical resistance
- Length: 30 cm / 38 cm

Colour Chart

black

Packing

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



Protection against chemical risks: **Group Rating**

Chemicals		•
Methanol	Α	4
Sodium hydroxide, 40%	K	6
Sulphuric acid, 96%	L	3

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Vega 30		Vega 38	
Size	Ref.	Size	Ref.
medium	11 391	medium	11 39
large	11 392	large	11 39
x-large	11 393	x-large	11 39
xx-large	11 394	xx-large	11 39









ARMSTRONG for gardening work

Armstrong with decor



Sänger Armstrong is made of nylon yarn and coated by a solid layer of latex with a crinkled surface. Alternatively coating can be done with a soft latex foam material. This glove is suitable for multi pupose use around the house and garden.

- Knitted gloves with durable latex coating, with or without printed motive at the back
- Nylon
- Latex coating
- anatomical
- Length: 24 cm
- Knitted elastic cuff

Colour Chart



Sizes	Ref.
small	11 026
medium	11 027
large	11 028
x-large	11 029

Packing

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









Nylon knitted gloves are available with latex coating in various colours as well as a large selection of printing motives.

Rose Gloves well protected



Sänger rose gloves protect hands and the entire forearm from thorns when pruning and weeding the roses. Tough, breathable synthetic suede with padded palm to reduce fatigue. Flexible, padded forearm cover will not stiffen, crack or shrink. With velcro-seal closure at the top.

- Synthetic suede
- Padded cuff & forearm
- Length: 40 cm

Colour Chart

yellow/white/grey/black black/white/grey

Size	Ref.
medium	25 000
x-Large	25 001

1 pair with header or polybag Carton units upon agreement



Lancor the reliable

Sänger Lancor is the reliable, proven working glove for all kinds of work around the home, on construction sites and more. Skin-friendly material provides comfortable protection, is breathable and has a good fit. The strong latex coating protects against mechanical hazards.

- Cotton-polyester seamless knitted
- Heavy latex coating
- Breathable
- Safe protection against thorns and mechanical stress

Colour chart

yellow/green

Size	Ref.
medium	11 742
large	11 743
x-large	11 744
xx-large	11 745

Packing

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













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Paula the picture glove



36

Garden glove - palm covered with flower design PU anti-slip dots. Back of the hand featuring attractive designs. The palm made of soft and durable leatherette. The breathable back of the hand includes Elastane adapting very well to the shape of the hand. Hook-and-loop fasten the gloves securely at the wrist.

- Palm material: leatherette
- Breathable back of the hand
- Hook-and-loop wrist band
- Reinforced fingertips
- Materials: Nylon, PU, polyester, Elastane

Colour Chart

grey/various colours and printed motifs

Packing

1 pair per header or polybag Carton packing upon requirement

Ultralight well dressed

Sänger's garden glove Ultralight

is popular with men and women alike. Its secure fit with hook-and-loop fastener at the wrist prevent leaves and small pieces of wood from falling into the glove. The palm, fingers and fingertips are made of durable, very light leatherette with anti-slip surface. The back of the glove is breathable, comfortable and elastic.

- anti-slip synthetic leather
- breathable, elastic back of the hand
- hook-and-loop fastener at the wrist
- Printed motifs
- Material: Polyester, PU, elastan

Colour Chart

black, various colours and printed motifs

Packing

1 pair per header or polybag Carton packing upon requirement

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Kim the colourful

38



Kim are garden gloves for ladies and gents alike. High quality material and workmanship. Durable design. Split leather with breathable material at the back of the hand. Elastic at the cuff.

- Split leather at fingertips and back of the hand for protection
- Elastic at wrist
- Material: Split leather, Polyester, Elastane
- Lining: Polyester

blue pink

1 or more pairs with or without header Carton packing upon requirement

Size	Ref.
small	11 506
medium	11 507
large	11 508
x-large	11 509

Goatskin glove - the strong one

Gloves made of soft but tough goatskin. Comfortable to wear. Will adapt smoothly to every movement of the hand. High-quality craftsmanship. Ideal for cold weather and resistant to thorns. Available completely made of leather or with breathable back made of elastic material.

Design completely made of goatskin leather:

- Strong and supple
- Easy donning
- Elastic at back of the hand

Design goatskin leather with nylon:

- Fine goatskin leather
- Breathable back of the hand
- Secure fit by hook-and-loop fastener at the wrist

Colours

grey/red grey/black grey

1 pair per header or polybag Carton packing upon requirement

Size	Ref.
large	21 63
xx-large	21 63









Carla – colourful and fine



Peggy – the professional gardener

Strong cotton garden glove with elastic knitted cuff. Palm, thumb and index finger with anti-slip vinyl dots. Elastic at the back of the hand for perfect fit. AZO-free.

- Robust, hardy material
- Tough anti-slip dots
- Breathable
- Material: cotton, polyacrylic, polypropylene, vinyl

Colour Chart various colours available

grey

green pink

1 or more pairs with or without header Carton packing upon requirement



Size	Ref.	Size	Ref.
small	11 521	x-large	11 524
medium	11 522	xx-large	11 525
large	11 523	xxx-large	11 526







Welder – work gloves with extra-long cuff



Sänger Welder are high quality leather gloves for reliable protection of welder's hands and forearms. Welder 55 and 43 with additional extra large leather reinforcement at the wrist.

Welder 54

- Made of cow split leather
- With warm inner lining
- Length: 35 cm

Size	Ref.
x-large	25 120
xx-large	25 121

Welder 55

- hand, thumb and forefinger made of cow full leather made of cow hide leather
- back of hand and cuff of cow split leather
- with leather reinforcement at wrist, without lining
- length: 35 cm

Size	Ref.
large	25 124
x-large	25 125
xx-large	25 126

Welder 43

- made of cow split leather
- with leather reinforcement at wrist, without lining
- length: 35 cm

Ref.
25 084
25 085
25 086

Colour Chart grey

Packing

1 pair per header or polybag Carton packing upon requirement

Henry Leather Work gloves

Sänger Henry are high-quality leather work gloves of excellent craftsmanship. Back of the hand and safety cuff made of cotton drill. Leather knuckle protection. Elastic at the back for good fit. Large leather reinforcement at the wrist for added protection.

Henry blue

- grey cow split leather
- with warming inner lining
- robust and supple

grey/blue

Colour Chart

Size	Ref.	Size	Ref.
small	25 074	x-large	25 077
medium	25 075	xx-large	25 078
largo	25.076		

Henry red

- high end cow full leather
- polyester/cotton lining
- best workmanship

Colour Chart

	grey/red		
Size	Ref.	Size	Ref.
small	25 229	x-large	25 232
medium	25 230	xx-large	25 233
large	25 231		

PU Work gloves

- back of the hand and gauntlet made of cotton drill
- reinforcement at the wrist for added protection

Colour Chart

grey or beige/natural white

Size	Ref. unlined	lined
x-large	25 090	25 095

1 pair per header or polybag Carton packing upon requirement



Lumberjack well protected



Sänger's Lumberjack is suitable for hand protection when working with a chainsaw. Water-repellent cowhide leather with reinforced palm. Cut-resistant fabric at the back of the left hand glove. Elastic at the back of the hand for secure fit. Average protection up to a chainspeed of 16 m/second.

- Cowhide leather
- Back of hand with water-repellent parachute silk
- Black knitted cuff

Colour Chart

grey/orange/black

Size	Ref.		
large	25 019		
x-large	25 020		
xx-large	25 021		









1 pair with header or in polybag Carton packing upon requirement Assembly – the craftsman's glove

This robust craftsman's glove convinces by its sophisticated mix of robust materials. The vinyl dots on the palm offer an additionally safe grip on all surfaces.

- Seamless, knitted glove
- Nitrile coating with vinyl dots
- Ideal for assembly work
- Comfortable fit
- Knitted material: 80% nylon, 20% elastane

Colour Chart

orange/black

Size	Ref.
medium	25 030
large	25 031
x-large	25 032
xx-large	25 033

1 or more pairs with or without header Carton packing upon requirement









Pavers Gloves



Pavers gloves are made of skin friendly cotton. The robust, textured latex coating provides reliable protection of hands and skin. Ideal for heavy and rough work. Breathable.

- For professional work
- Latex coating with diamond surface pattern
- Finger tip protection
- 100% cotton knitted
- Coating: 100% Latex

Size	Ref.	
medium	21 160	
large	21 161	
x-large	21 162	
xx-large	21 163	

1 pair per header or polybag Carton packing upon requirement

Multifunction – for working in the garage and garden

















Rottex – good grip and good looks

Oil, grease and fluid proof coated surface with breathable back of the hand and fingers. Robust and durable. Tight fit for comfort and precision work. With knitted cuff. Seamless knitted chain-structure pattern For optimum grip Material: polyester, 13G, Nitrile coating Colour Chart red/black SizeRef. 11 605 medium 11 606 large 11 607 x-large 11 608 xx-large EN 388 4121 EN 420 EN 420

Dondro – the cut-resistant glove

Sänger's Dondra is a protective glove from cut-resistant HPPE polyethylene yarn, combined with a polyurethane coating, making the glove light weight and breathable. It has an antislip surface and is resistant to abrasion. The glove is safe when working with any kind of sharp edge objects.

- Seamless, knitted HPPE polyethylene yarn
- Polyurethane coating
- DMF-free
- Highest durability

Size	Ref.	Ref.
Cut protection EN388	Level 5	Level 3
Cut protection ISO 13997	Level C	Level B
small	11 666	11 661
medium	11 667	11 662
large	11 668	11 663
x-large	11 669	11 664
xx-large	11 670	11 665
EN 388 EN 388		

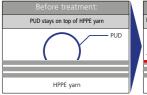
Packing

1 pair per header or polybag Carton packing upon requirement



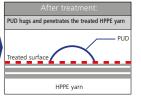
Surface Activation of HPPE yarn

Improved adhesion of the coating



Gr. XXL / 11, Ref 11 670

E CE



HPPE yarn consist of PE and has a long molecular chain structure. PUD coating has a low adhesion and can easily come off the glove surface. The adhesion of the surface coating can significantly be improved by our new product process.

Manutex – cut-proof and oil-resistant



Herkules - cut resistance and more Atlas Guard - cut resistant arm protection - cut resistance and more

Gloves and arm protection knitted from cut resistant aramid yarn. With leather reinforcement for best heavy duty protection. Specially suitable for handling large object with sharp edges.

- Seamless knitted aramid fiber
- Leather reinforcement fixed with twin seams
- Leather reduces the risk of puncture
- Arm safety sleeve with thumb hole and leather reinforcement

Colour Chart

vellow/grey

Size	Ref.
large	11 60
x-large	11 60
Savety sleeve*	11 60







1 pair /* 1 piece per header or polybag Carton packing upon requirement



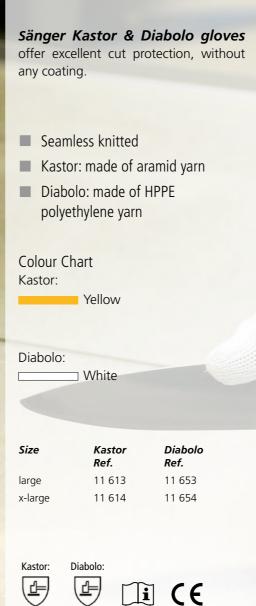




Nindo/Libra - cut resistance with nitril/latex coating

Sänger's Nindo and Libra gloves offer excellent cut protection with a water and moisture resistant coating for a secure grip. Strong, cut resistant aramid Seamless knitted aramid fiber Nindo: with oil resistant nitrile Libra: with moisture resistant latex coating Colour Chart yellow/black vellow/blue Nindo Libra Size Ref. Ref. 11 752 medium 11 753 11 623 large x-large 11 754 11 624 11 755 xx-large **□**i (€ **Packing** 1 pair per header or polybag Carton packing upon requirement Sänger Nindo

Kastor/Diabolo - cut protection



Packing 1 pair per header or polybag Carton packing upon requirement



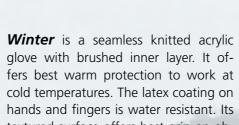
Sänger Diabolo



Sänger Kastor

Sänger Libra

Winter – for heavy duty work in the cold



- Inner brushed cold protection
- Material: acrylic, 10G, latex coating

Packing

1 pair per header or polybag Carton packing upon requirement

textured surface offers best grip on objects and is specially tested against protection from cold.

- Protection against mechanical load

- An	
Gr. XXL / 11, Ref 11 : Winter	625
CE Ganger Ce	(a)

Kaltex – warming and oil resistant

Sänger Kaltex offers protection against the cold with its soft brushed inner surface. The heavy duty nitrile coating protects against moisture, oil and grease. Resistant against mechanical load. Hands remain comfortably warm and flexible even during extremely cold and wet conditions.

- Brushed acrylic inner lining
- Nitrile coating
- Seamless knitted liner
- Anti-slip safe grip even on oil and grease
- Material: acrylic, 10G, nitrile coating

Size	Ref.	
medium	11 686	
large	11 687	
x-large	11 688	
xx-large	11 689	

1 pair per header or polybag Carton packing upon requirement





Colour Chart











Polariex – warming for sensitive touch



Polartex offers flexible hands and fingers with sensitive touch when working under cold conditions. Made from warming terry polyester. Nitrile coating protects against fluids, oil and grease. Textured surface for good grip.

- Comfortable terrycloth
- Best protection against cold during delicate work
- Material: Polyester/Elastan, seamless knitted terry surface, 15G, nitrile coating

Colour Chart



	Ref.	
Size		
medium	11	681
large	11	682
x-large	11	683
xx-large	11	684

1 pair per header or polybag Carton packing upon requirement









Winter-Outdoor – retro knitwear with latex coating

Warming, breathable, seamless **knitted gloves** with water-proof latex crinkle coating.

- Secure grip on wet and dry surfaces
- Highly comfortable
- Material: polyester, latex

Colour Chart verschiedene Farben und Strick-Designs

e:	D-f
Size	Ref.
small	21 500
medium	21 501
large	21 502
x-large	21 503
xx-large	21 504









1 pair per header or polybag Carton packing upon requirement











Cappella Winter – twice as warm



Durable Cappella Winter knitted gloves are made of polyamide. They feature reinforced dots on the palm giving an anti-slip grip and making it easy to pick up and keep hold of objects. An especially skin-friendly cotton inner glove protects against the cold. The hands remain comfortably warm even in a cold working environment.

- Seamless knitted
- Comfortably warm with additional cotton inner glove
- Particularly safe grip due to antislip dots
- Material: inner glove 10G cotton, outer glove 13G polyamide

Colour Chart

	1.1.	
	white	
	grey	
	blue	
	black	
Size	Ref.	
x-large	11 798	
xx-large	11 799	
EN 388		
	(€)	۲
0140	EN 420	4

Packing

1 pair per header or polybag Carton packing upon requirement



Thermo – working gloves with hugging lining

Classic working gloves made of split leather with a tough drill material at the back of the hand. Hugging inner lining is winter warm. Available with knitted cuff for special warming features. Also available with gauntlet cuff made of robust cotton drill.

- Material: split leather, cotton, inner thermo lining
- High quality finish
- Universally useable

Colours

Grey leather with cotton inserts in various colours

Size	Split leather Gauntlet cuff Ref.	Full leather Knitted cuff Ref.	
x-large	11 529	11 534	
xx-large	11 530	11 535	

1 pair per header or polybag Carton packing upon requirement

info@sanger.de · http://www.sanger.de



ROYQ - the glove that lives up to its name



Sänger Royal is a comfortable highquality work glove made of top synthetic leather. Reinforced palm, wrist, knuckles and thumb-crotch for better protection and increased comfort. The hook-andloop fastener at the wrist ensures a secure fit. The back of the glove is elastic and breathable. Many ventilation holes on the sides of the fingers increase the breathability. All this makes it the ideal glove for heavy work around the house, in agricultural and mechanical work.

- Synthetic leather/Polyester
- Ventilation openings
- Robust and comfortable
- Klettverschluss am Handgelenk
- Iso with 3-fingers open

Colour Chart

Packing

1 pair per header or polybag

Skiing Gloves – for the best vacation ever

High-quality skiing gloves with excellent warming comfort. Water and wind-proof in any weather. The breathable material keeps your hands dry. Antislip palm. The elastic band as well as the hook-and-loop fastener at the wrist ensure a perfect fit of the glove. The two gloves can be connected to one another with a practical plastic snap hook.

- Polyurethane, polyester
- Insulating inner lining
- Elastic band at the wrist
- Hook-and-loop fastener

5-Finger Gloves

Size	Ref.
small	11 541
medium	11 542
large	11 543
x-large	11 544

Gloves Mittens

Size	Ref.
small	11 546
medium	11 547
large	11 548
xx-large	11 549

Packing

- 1 pair with product tag 12 pairs per master polybag
- 72 pairs per outer carton





Royal 3-fingers-open

Size	Colour	Ref.
large	blue	11 640
xx-large	red	11 641







Also with 3-fingers open





Colour Chart





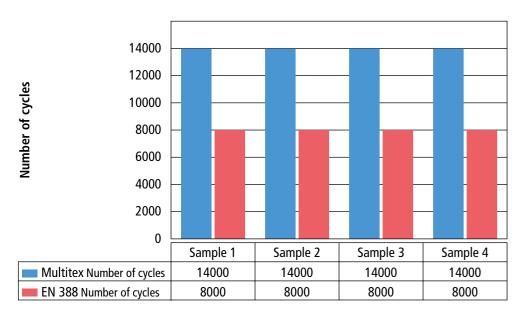




MUITIEX – Market Comparison

Abrasion Resistance

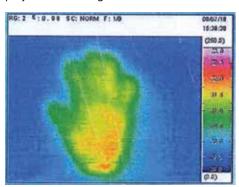
Multitex compared with other mechanical protective gloves with nitrile coating

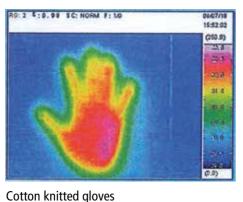


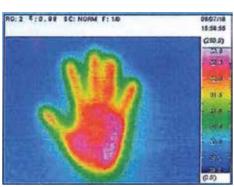
Material Character- istics/Description	Measurement Units	Competitor's glove	Multitex
Competitor's glove: Multitex (Nylon/Elastan)	Water vapor permeability mg/(sqcm/h)	8.5	23.1
Nylon with nitrile coating	mg/(sqcm/h)	10.4 to 10.93	15.0

Measuring of Hand Warmth

Our ideal D-knitwear construction provides a much faster ventilation of the worker's hand contrary to conventional cotton or polyester knitted gloves.







Polyester knitted gloves

MUITIEX – breathable all-around

Sänger Multitex is as light as a feather and fits like a second skin. This glove combines all the benefits one can give to stressed hands. They are breathable and at the same time offer maximum safety, durability and excellent fit, as shown by the performance levels obtained according to EN 388. It is one of the lightest gloves available on the market in knitwear and coating. Compared with other gloves of the same category Multitex achieves almost three times the abrasion cycles and breathability performance. Even its nitrile coating is breathable.

- for mechanical work where sensitive touch is required
- suitable for oily, greasy and wet surfaces
- breathable all-around
- best grip
- very light
- Material: nylon/elastane, 15G, nitrile microfoam coating

Colour Chart

black/black

Size	Ref.		
medium	11 61		
large	11 62		
x-large	11 62		
xx-large	11 62		











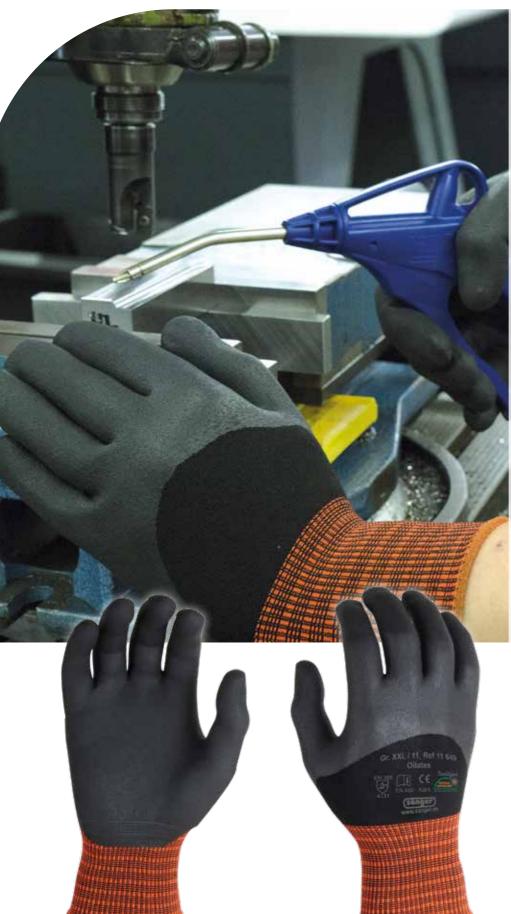
1 pair per header or polybag Carton packing upon requirement



63

D-knitwear

Oilatex – protecting against oil and grease



Sänger's glove Oilatex is a seamless knitted, light weight glove, protecting against mechanical risks, oil and greases of all kinds. The liquid-proof 3/4 nitrile coating even protects a large part of the back of the hand including the knuckles. The new type of coating provides a good grip on wet and oily surfaces

- Seamless knitted glove with snug fit
- liquid proof coating, resistant against oil and grease
- light weight and comfortable
- Material: nylon/elastane, 15G, PU micro-foam coating

EN 420 CE 40°C

Colour Chart

black/black

Size	Ret.
medium	11 646
large	11 647
x-large	11 648
xx-large	11 649

Flexitex – protection as light as a feather

Sänger Flexitex is a knitted seamless protective glove with a breathable PU micro-foam coating on hand and fingers. It is suitable for contact with food and tested in conformity with EN 1186. Snug fit, safe and comfortable to wear. Its special coating provides a good grip also on wet surfaces.

- breathable all-around
- extremely comfortable fit
- very light weight
- DMF-free
- Material: nylon/elastane, 15G, PU micro-foam coating

Colour Chart

	hi-	1		hi.	+~
W	ш	te/	W	m	10
					-

Size	Ref.	
medium	11 676	
large	11 677	
x-large	11 678	
xx-large	11 679	

1 pair per header or polybag Carton packing upon requirement



















1 pair per header or polybag Carton packing upon requirement

Geprüft auf Schadstoffe



Nimbus – multipurpose protection



Sänger Nimbus is an all-rounder for jobs around the house and garden. Its nitrile coating protects the hands against moisture and mechanical hazards such as thorns, hard edges etc. Excellent grip on tools. The coated palm surface is resistant to oil and fat. It offers a safe grip also in case of wet and oily surfaces. Nitrile dots offer an even better grip even on slippery surfaces.

- Protecting against moisture, oil and grease
- Good mechanical protection
- Seamless knitted
- Durable
- Material: nylon, 15G, nitrile foam coating

Colour Chart

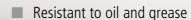
grey/black grey/grey burgundy/black blue/black

1 pair per header or polybag Carton packing upon requirement

black/black

Savannah – the oil-resistant glove

Sänger Savannah is just the right glove for any work with oil, petrol or grease. It protects the hands, offers a good grip and cotton jersey protects the skin during heavy work load. Prevents hands from perspiration. With thumb crotch reinforcement.

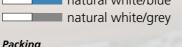


- Skin-friendly cotton jersey
- Thumb crotch reinforcement
- Knitted cuff
- Material: cotton jersey, nitrile
- Coating for optimum hand protection when working with oil and in wet environment

Colour Chart

natural white/yellow natural white/blue

1 pair per header or polybag Carton packing upon requirement

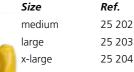


Savannah Thumb crotch reinforcement:

Size	Ref.
medium	11 801
large	11 802
x-large	11 803
xx-large	11 804
xxx-large	11 805

Sando:

Size	Ref.
medium	11 762
arge	11 763
k-large	11 764
x-large	11 765
xx-large	11 766



Savannah light:

xx-large 25 205 25 206 xxx-large

Savannah Winter with brushed liner:

Size	Ref.
medium	25 257
large	25 258
x-large	25 259
xx-large	25 260
vvv_large	25 261





Sänger Sando

















Nimbus Grip

Sänger Savannah

Sirius – oil-resistant, for heavy tasks



Sänger Sirius is a professional among heavy-duty nitrile work gloves. Its gauntlet cuff makes it easy to take the glove off quickly. It is robust and reliable when it comes to protecting the hands against oil and grease, even during heavy work. The brushed cotton jersey inner lining keeps hands warm and flexible even in cold weather.

- resistant to oil and grease
- skin-friendly cotton jersey
- warm inner surface
- gauntlet cuff
- Material: cotton jersey, nitrile coating

Colour Chart

natural white/blue

Größe	Ref.	
x-large	11 768	
xx-large	11 769	

1 pair per header or polybag Carton packing upon requirement Cappella 7 – knitted with dots

Sänger Cappella 7 heavy duty knitted gloves are comfortable and durable, protecting the hand against mechanical strain. Vinyl dots ensure a safe grip during mechanical work.

- skin friendly cotton
- seamless knitted
- dots for secure grip
- Material: cotton, 7G, vinyl dots

Colour Chart

white/blue grey/black white/black

Colour	white	grey	dots on both sides
Size	Ref.		
Small	11 791	-	25 145
medium	11 792	-	25 146
large	11 793	-	25 147
x-large	11 794	25 080	25 148
xx-large	-	-	25 149
1000			











1 pair per header or polybag Carton packing upon requirement















68



Cappella 13 – knitted for precision work with dots





Sänger Strick gloves are available in various models. The "light white" one to protect the hands and products. The "simple glove with a solid knitted cuff" or "tough one with knitted cuff" for a wide scope of mechanical work.

- Sewn or circular-knitted
- Material: cotton or polyester/cotton

Colour Chart

____ white

Cotton, anatomical shape, packed in pairs

P = = = = = = = = = = = = = = = = = = =	J	
Size	Ref.	
small	01 405	
medium	01 406	
large	01 407	Packing
x-large	01 408	1 pair per polybag 10 pairs per master polybag
xx-large	01 409	600 pairs per outer carton

Cotton, anatomical shape, 10 pairs per polybag

Size	Ref.	
small	01 415	
medium	01 416	
large	01 417	Do alcin a
x-large	01 418	Packing 10 pairs per polybag
xx-large	01 419	600 pairs per outer carto



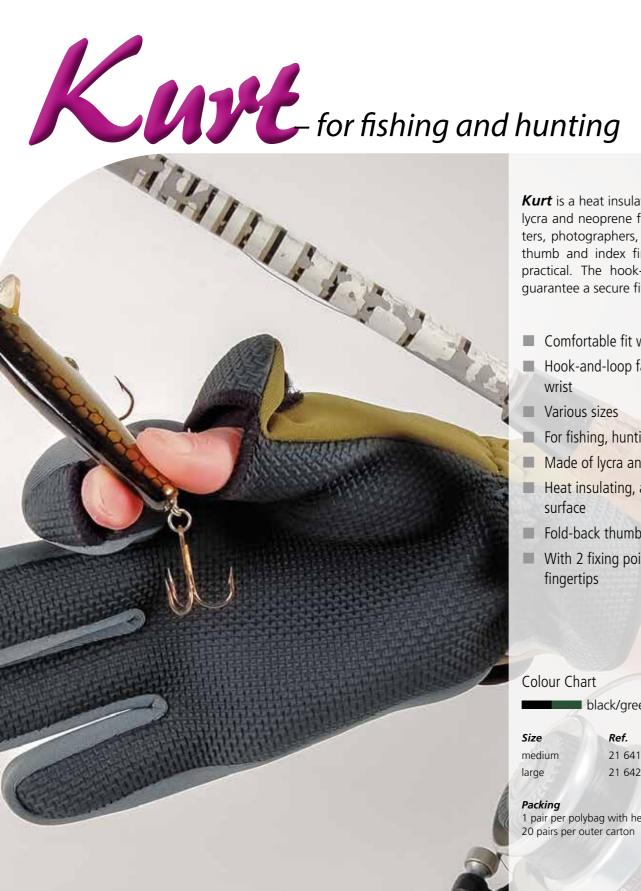
ыге кет.		
small	01 496	
medium	01 497	
large	01 498	Do ekin e
x-large	01 499	Packing 24 pairs per polybag
xx-large	01 500	600 pairs per outer cartor











Kurt is a heat insulating glove made of lycra and neoprene for fishermen, hunters, photographers, etc. The fold-back thumb and index finger make it very practical. The hook-and-loop fastener quarantee a secure fit.

- Comfortable fit with sandwich cut
- Hook-and-loop fastener at the wrist
- Various sizes
- For fishing, hunting and more
- Made of lycra and neoprene
- Heat insulating, anti-slip palm surface
- Fold-back thumb and index finger
- With 2 fixing points for folded fingertips

Colour Chart

black/green

Ref.

21 641

21 642

Size medium large

1 pair per polybag with header 20 pairs per outer carton



- reliable cut resistance

Safety is the first priority with this glove. The fabric contains stainless steel and serves as protection against injuries caused by sharp objects.

Whether the glove is used for filleting fish in the kitchen or by the fisherman outdoors - it offers protection and is comfortable to wear.

- Suitable for right-hand and lefthand use
- Cut-resistant fabric containing stainless steel
- Safe protection against knife
- Extremely flexible and comfortable to wear
- Ideal for amateur fishermen, hunters, DIY enthusiasts and professionals
- Materials: 45% stainless steel, 30% polymer, 15% polyester, 10% yarn

Colour Chart

grey

Size Universal

21 643

1 piece per polybag with header 20 pieces per outer carton





Pond glove Tom is a pond glove providing protection against moisture and dirt up to the upper arm. Very suitable for fishery, animal husbandry and gardening.

- Made of high-quality, strong PVC
- Inner lining made of knitted cotton
- Anti-slip palm for very good grip
- Abrasion resistant
- Protection against moisture and dirt
- Length: 61 cm

Colour Chart

Ref.

21 631

1 pair per polybag 20 pairs per outer carton Barbecue gloves

Sänger barbecue gloves are delivered in various types. They are made of heat proof, double-layered aramid. A silicon coating on both sides ensures a safe grip.

- Ambidextrous
- Cotton inner lining
- Universal size

Colour Chart

grey/black blue/natural white ___ natural white

Size universal 11 551 Barbecue glove with coated pattern 36 cm

Barbecue glove 11 552 with coated pattern 26 cm

Barbecue glove uncoated 26 cm 11 553

1 piece or 1 pair per header or polybag 20 polybags per carton



Emm — easy pet grooming





	ATURLATEX	OPREN	NITRIL
Alcohols	Ž	Z	Z
Butylalcohol	++	++	++
Ethylalcohol	++	++	++
Isobutylalcohol	++	++	++
Isopropyl Alcohol	++	++	++
Methylalcohol	++	++	+
Propylalcohol	++	++	++
Aldehyde			
Azetaldehyde	+	++	+
Benzaldehyde			+
Formaldehyde	++	++	++
Amine			
Anilin	+	++	
Ehylamin	-	+	++
Diethanolamine	++	++	++
Methylamin	-	+	++
Monoethanolamine	+	++	++
Triethanolamine	+	++	++
Aroma solvent			
Benzole		-	+
Naphthalene		-	+
Nitrobenzine		-	+
Toluene		+	+
Xylene		-	+
Hydroxide			
Ammonia	++	++	++
Potasium Hydroxide 50 %	++	++	++
Sodium Hydroxide 50 %	++	++	++
Inorganic Acid			
Bor acid	++	++	++
Brom hydrid axid	++	+	+
Hydrochloric acid 38 %	+	++	++
Hydrochloric acid 10 %	++	++	++
Chrome Acid		+	+
Hydrogen fluoride	-	+	++
Phosphoric Acid	-	++	++
Azotic acid 70 %	-	+	
Azotic acid 10 %	+	++	-
Chlorinated acid	-	+	+
Sulphuric Acid 95 %	-	+	-
Sulphuric Acid 10 %	+	++	+
Ketone			
Acetone	++	+	
Cyclohexanone Di-Isobutyl Ketone	+	+	
Methyl Ethyl Ketone	++	+	-
Oils	++	+	ľ
Diesel oil		+	++
Axle grease		+	++
flax seed		+	++
Cotton seed oil		+	+
Turbine Oil		+	++
Vegetable Oil	-	+	++
Organic Acid		,	
Acetic Acid (Food)	++	++	+
Citric Acid	++	++	++
Estearin acid	++	++	++
Formic Acid	++	++	-
Lactic Acid	++	++	+
Oleic Acid	++	++	++
Oxalic Acid, Saturated	++	++	++

	NATURLATEX	NEOPREN	NITRIL
Picric Acid	+	++	++
Tanic Acid	++	++	++
Tanic Acid	++	++	++
Chlorinated solvents			
Chlorine	-	+	+
Chlorine Acetone	+	+	
Chloroform		+	+
Methylene Chloride		-	+
Dichloroethane			-
Dichloräthylen		-	+
Perchloroethylene			-
Trichloräthylen		-	+
Carbontetrachloride		-	+
Other solvents			
Amylazetate		-	+
Butyl Acetate		-	+
Ethyl Acetate	-	+	+
Calcium Acetate	+	++	++
Mineralacetate		+	++
Cyclohexane		+	+
Cyclohexanol	+	++	++
Solvents for rubber lacquer -	+	+	
Ethyleter	_	++	++
Freon 11-12-21-22		+	-
Petrol	+	++	
Diesekraftstoff		+	++
Hexane		-	++
Kerosene		+	++
Naphtha		+	++
Other chemicals		т	TT
Carbon Bisulfit		_	+
Chalk	+	++	++
Wood preservative agent	т	+	+
Cleaning Agent	++	++	++
Dibutylphtalat	++	+	++
Oil ether		+	+
Äthylenglykol			
Phluorides	-	+	+
Phosphate	+	++	++
•	+	++	++
Glycerin Animal fat	+	++	++
Mineral fat		++	
		+	++
Herbicide Lauge – Lye	+	++	++
Lye	++	++	++
Nitrates	++	++	++
Oxynated Water 30 %		+	++
Petroleum	+	++	++
Printing paint		+	++
Resins and Polyester		+	+
Silikate	++	++	++
Printing paint	-	+	+

	NATURLATEX	NEOPREN	NITRIL
Picric Acid	+	++	++
Tanic Acid	++	++	++
Tanic Acid	++	++	++
Chlorinated solvents			
Chlorine	-	+	+
Chlorine Acetone	+	+	
Chloroform		+	+
Methylene Chloride		-	+
Dichloroethane			-
Dichloräthylen		-	+
Perchloroethylene			-
Trichloräthylen		-	+
Carbontetrachloride		-	+
Other solvents			
Amylazetate		-	+
Butyl Acetate		-	+
Ethyl Acetate	-	+	+
Calcium Acetate	+	++	++
Mineralacetate		+	++
Cyclohexane		+	+
Cyclohexanol	+	++	++
Solvents for rubber lacquer -	+	+	
Ethyleter	-	++	++
Freon 11-12-21-22		+	-
Petrol	+	++	
Diesekraftstoff		+	++
Hexane		-	++
Kerosene		+	++
Naphtha		+	++
Other chemicals			
Carbon Bisulfit		-	+
Chalk	+	++	++
Wood preservative agent	-	+	+
Cleaning Agent	++	++	++
Dibutylphtalat	-	+	+
Oil ether			
Äthylenglykol	-	+	+
Phluorides	+	++	++
Phosphate	+	++	++
Glycerin	+	++	++
Animal fat		++	++
Mineral fat		+	++
Herbicide Lauge – Lye	+	++	++
Lye	++	++	++
Nitrates	++	++	++
Oxynated Water 30 %		+	++
Petroleum	+	++	++
Printing paint		+	++
Posins and Polyostor			

+	+ usually the glove material is very suitable for the mentioned substance
	mentioned substance
+	usually the glove material is suitable for the
	mentioned substance and will only show a mild
	degenrative effect
-	gloves made of this material have only a very
	limited suitability for the chemical substance
-	- gloves made of this material are not suitable for the
	corresponding chemical substance
	no Symbol no results known
Th	e above list includes information generally known in
th	e gloves trade, for which we do not resume any
	sponsibility or guarantees. It merely serves as orientation
	d. Protection against chemicals and substances is always depending on many
fa	ctors, i.e. glove material, contact time, temperature etc. Disposable gloves usually
pr	ovide a very limited protection against chemicals.
ρ.	, pg

	.АТЕХ	7	RIL	NEOPREN	OTRIL
	F	VIN'Y	NITRIL	NEG	NE
Acetic Acid (Food)	++	+	++	++	
Acetic Acid concentrated	-	-		+	
Acetic Acid 50% Acetic Acid Anhydride	++	++	+	++	++
Acetone Acetone	++	++	-	++	++
Acetonitrile					++
Acrylates		++			
Acrylic Acid	++		+	-	
Aldehydes			++		
Alcohol Based					
Desinfection Agents			++		
Alcoholic Drinks Ammonium Acetate	++	++	++	++	
Ammonium Carbonate	++		++	++	
Ammonium Hydroxide (30%)	++		++	++	++
Ammonium Nitrate				++	٠.
Animal Fats	-	+	++	++	
Aqua Regia		-	+	++	
Acetic Acid, Glacial	-	-		+	
Battery Acid	+	+	-	++	
Benzene			-		
Benzyl Alcohol			++	-	
Bleaching Agents	+	+	++	++	
Borax ++	++	++	++		
Brake Oil	-	+	++	++	
Bromine Bromide			++	++	
Bromopropionic Acid	1	-	-	++	
Butoxyethanol	+	_	++	++	
Butter	-	++	++		
Butyl Acetate	-	-	-	+	
Butylene			++		
Calcium 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		+	++	+	
Diacetone Alcohol	++	-	+	++	
1.2-Dichloroethane			-		
Dibutyl Phthalate			++		
Dichlorethane Diesel Fuel		+	++		
Diethanolamine	+	++	++	++	
Diethylamine		1 T	-	1 T	
Di-Isobutyl Ketone, DIBK				+	
Dimethyl Sulphoxide, DMSO			-	+	
Dithylether			-		
Domestic Cleaning Agents	++	++	+	++	
Ethanolamine	-	+	++	++	
Ethanol	+	++	++	++	++
Ethidium Bromide			++		
Ethyl Acetate			-		+

	LATEX	VINYL	NITRIL	NEOPREN	NEOTRIL
Formaldehyde 30%		-	++	-	++
Formalin Solution	+				
Formic Acid		+	-	++	
Freon 133 TF			++	-	
Freon TMC					
Fuel Oil	-	+	++	+	
Furfural					
G amma-Butyrolacetone					
Glycerin		+	++	++	
Glycerophtali Colours		-	++	-	
Glycole	++	++	++	++	
Hair Bleaching Agents	++	++	++	++	
Hair Dye	++	++	++	++	
Hair Fixing Agents	++	++	++	++	
Hair Shampoo	++		++	++	
Hexamethyldisilazane Hexane			++		
Hydraulic Oil			+		
Hydrazine		++	++	++	
Hydrochloric Acid 37%		TT	++	7.7	++
Hydrofluoric Acid (48%)			7.7		++
Hydrofluoric Acid 30%					
Hydrogen Peroxide	++	+	++	-	
Hydrogen Peroxide	-	++	++	++	
Hydroquinone	+	+	+	+	
Isobutanole			+	+	
Isobutyl Ketone					
Isooctane			++	-	
Isopropyl Alcohol			++	+	++
Kerosene	-	+	++	+	
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 Naphtha	-	+	+	-	
Naptha VM&P		-	++		
n-Butanole			+	++	
Nitrobenzene				77	
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	++				
Paraffin Oil		-	++	-	
Peanut Oil	-		++	++	
Pentachlorophenol			++		

	LATEX	VINYL	NITRIL	NEOPREN	NEOTRIL
Pentane			+		
Perchloric acid 60%	++	++	++	++	
Perchloroethylene					
Perfume & Flavours	++	++	++	++	
Petrol/Gasoline		-	++	+	
Petrolether			++	-	
Petroleum Containing					
Substances		-	+	-	
Phenol			++		
Phosphoric Acid	++	++	++	++	
Phosphoric Acid 85%					++
Plant Protection Agents	+	+	++	++	
Potassium Carbonate	++	++	++	++	
Potassium Hydroxide,					
KOH, 50%	++	++	++	++	
Potassium Nitrate	++	++	++	++	
Potassium Permanganate	++	++	++	++	
Potassium Phosphate	++	++	++		
Potassium Sulphate	++	++	++	++	
Poultry	-		++	++	
,	-		++	++	+
Propylene Oxide (99%) Q uicklime	++		++	++	+
Slaked Lime		++		++	
Sodium Carbonate	++	++	++		
Sodium Carbonate Sodium Chloride	++		++	++	
	++		++	++	
Sodium Dicarbonate	++	++	++	++	
Sodium Hydroxide 50%			++		++
Sodium Hydroxide,					
concentrated	++	+	++	++	
Sodium Hydroxide,					
NaOH (50%)	++	++	++	++	++
Sodium Hypochlorite	++	++	++	++	
Stoddard Solvent			++	-	
Styrene			-		
Sulfide, Disulfide, Hyposulfide	++	++	++	++	
Sulphuric Acid (50%)					++
T etrahydrofufurylalcohol			++		
Tetrahydrofuran			-		-
Thioglycole					
Acid Solution, 20%	++				
Toluene			-		
Triethanolamine	+	+	-	+	
Turbine Oil			++		
Turpentine		-	++	-	
V egetable Oil	-	-	++	=	
Washing Powder/Detergent	++	++	++	++	
Water Colour	++	++	++	++	
X ylene			-		

- + + usually the glove material is very suitable for the mentioned substance
 + usually the glove material is suitable for the mentioned substance and will only show a mild degenrative effect
- gloves made of this material have only a very limited 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 guarantees. 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.

