

# The main standards for disposable gloves

Franz Mensch gloves are subject to strict quality control and are regularly certified accordingly.

Ahead of the competition: Of course, our gloves are also tested according to the new PPE directive (Regulation (EU) 2016/424), which has been in force since 21.04.2018. The model tests are currently running. You will find here in the catalogue partly both the new and the old specification of the standards. The tests according to the old directive are valid until 21.04.2023 and therefore absolutely compliant. The categorization of the hazard class remains unchanged.

If you want to have it up to date, click on [www.franz-mensch.de](http://www.franz-mensch.de). In the online shop, the new standards will be the first to be found.

## Now brand NEW

### EN 374-2016 – protective gloves against chemicals and microorganisms



#### Permeation: EN 374 – 1:2016

Protective gloves against dangerous chemicals and Microorganisms – Part 1: Terminology and performance requirements for **chemical risks**

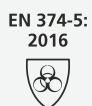
**Type A:** at least power level 2 (ie longer than 30 min) withstands at least 6 of the chemical classes

**Type B:** at least power level 2 (ie longer than 30 min) withstands at least 3 of the chemical classes

**Type C:** at least power level 1 (ie longer than 10 min) withstands at least 1 of the chemical classes

#### Specification of the code letters in the pictogram

A: methanol	J: n-heptane
B: acetone	K: sodium hydroxide 40%
C: acetonitrile	L: sulfuric acid 96%
D: dichlormethane	M: nitric acid 65%
E: carbon disulfide	N: acetic acid 99%
F: toluene	O: ammonia water 25%
G: diethylamine	P: hydrogen peroxide 30%
H: tetrahydrofuran	S: hydrofluoric acid 40%
I: iethyl acetate	T: formaldehyde 37%



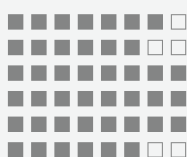
#### Permeation: EN 374 – 5:2016

Protective gloves against dangerous chemicals and micro-organisms – Part 5: Terminology and performance requirements for risks through **micro-organism**

## Save time: The fastest way to your glove!

### NEW

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



This selection scale can be found for all disposable and protective gloves. The scale classifies each glove based on selected criteria.

#### Your benefits

- Finding the right glove faster
- better comparability
- concrete employment recommendation

Important: **The classification and the criteria are only valid for the respective glove group** and not for other groups transferable. It serves for better comparability and orientation within the respective product group.

### EN 455 – medical examination gloves

#### EN 455 1-4

Gloves used in the medical field must comply with EN 455.

The extensive test criteria include:

- tightness of the material (no holes!)
- physical properties such as tear resistance
- biological evaluation (information on ingredients like latex or powder)
- Identification of the shelf life

### Food safe



Pictogram confirms the harmlessness of the protection gloves during the contact with food.

### Contact with food – which is the most appropriate glove?

Recommendations for food suitability	Nitrile	Vinyl	Latex
<b>Liquid food</b> as milk, eggs, honey, sugar syrup, food with pH-value >4,5	■	■	■
<b>Acidic food</b> as vegetables, semi-processed fruit with pH-value <4,5	■	■	■
<b>Alcoholic beverages</b> beer, wine, beverages up to 10% alcohol	■	■	■
<b>Meat, grease, oil</b> and medium-greased food	■	■	■
<b>Butter, margarine, cheese, mayonnaise</b>	■	■	■
<b>Fish</b>	■	■	■
<b>Chocolate, cakes, pastries</b>	■	■	■

- Not suitable
- Partly suitable
- Suitable

#### Important note:

The data listed above are reference values. The standards and the admissibility for food contact valid at the time of printing are listed next to the respective protective gloves of Franz Mensch. Please note that the material properties depend on the exact application.

### General comparison of materials

	Natural latex	Nitrile	Neopren	Vinyl
Comfort	★★	★★	★★	○
Tactile sensation	★★	★★	★★	○
Elasticity	★★	★★	★★	○
Tear resistance	★	★★	★★	○
Abrasion resistance	○	★★	★★	○
Puncture resistance	★	★★	★★	–

- ★★ = very good suitability
- ★ = good suitability















































- = limited suitability
- = less suitability

# Selection guide disposable and chemical protection gloves

								certificates						PSA	grip
art. no.		product name	length	size	colour	quality level	powder free	EN 420	AQL	EN 455	Approved for the use of cytotoxic agents	EN 374 Protection against microorganisms	Protection against chemicals	CAT 1-3	textured/ shaped
Nitrile															
27006/16/56/66 270068/168/568/668		EXTRA SAFE	24 cm	XL-S		7	✓	✓	1,5	✓	✓			3	fingertips
27000/10/50/60 27001/11/51/61 27008/18/58/68 270008/108/508/608		SAFE PREMIUM	24 cm	XXL-S		6	✓	✓	1,5	✓	✓			3	fingertips
27029/09/19/59/69/79 27020/01/51/67 27028/08/18/58/68		SAFE LIGHT	24 cm	XXL-XS		5	✓	✓	1,5	✓	✓			3	fingertips
27005/15/55/65 27007/17/57/67 26106/16/56/66 26109/19/59/69		SAFE LIGHT	24 cm	XL-XS		5	✓	✓	1,5	✓	✓			3	fingertips
26100/10/50/60 26108/18/58/68 261705/15/55/65 261707/17/57/67 261008/108/508/608		SAFE FIT	24 cm	XL-S		4	✓	✓	1,5	✓	–			3	fingertips
26101/11/51/61 26104/14/54/64 261041/141/541/641		ALLFOOD SAFE	24 cm	XL-S		3	✓	–	–	–	–	–	–	1	fingertips
261001/101/501/601/701 261081/181/581/681/781 261088/188/588/688		SAFE SUPER STRETCH	24 cm	XL-S		5	✓	✓	1,5	✓	✓			3	fingertips
270031/131/531/631		EXTRA SAFE SUPERLONG	40 cm	XL-S		7	✓	✓	1,5	✓	✓			3	fingertips
27003/13/53/63 27004/14/54/64 270038/138/538/638		SAFE LONG	30 cm	XL-S		6	✓	✓	1,5	✓	✓			3	fingertips
270039/1397539/639		SAFE LONG LIGHT	30 cm	XL-S		5	✓	✓	1,5	✓	✓			3	fingertips
270908/18/58/68		POWER GRIP LONG	30 cm	XL-S		7	✓	✓	1,5	✓	–			3	surface
270805/15/55/65 270806/16/56/66		POWER GRIP	24 cm	XL-S		7	✓	✓	1,5	✓	–			3	surface
2600/01/05/06		CONTROL*	24 cm	XL-S		5	–	✓	1,5	✓	–			3	fingertips
26103/113/153/163		SAFE LOTION	24 cm	XL-S		5	✓	✓	1,5	✓	–			3	fingertips
26115/55/65		Nitrile finger stalls	7 cm	L-S		–	✓	–	–	–	–	–	–	1	–
Latex															
26701/11/51/61		SENSE	24 cm	XL-S		6	✓	✓	1,5	✓	–			3	surface
2670M/71M/75M/76M		MED GRIP	24 cm	XL-S		6	✓	✓	1,5	✓	–			3	surface
2670/71/75/76/77		GRIP	24 cm	XL-XS		5	✓	✓	1,5	✓	–			3	surface
26709/19/59/69		GRIP LIGHT	24 cm	XL-S		4	✓	✓	1,5	✓	–	–	–	1	surface
2650/51/55/56 26506/16/56/66		SKIN*	24 cm	XL-S		5	–	✓	1,5	✓	–			3	–
26509/19/59/69		SKIN LIGHT*	24 cm	XL-S		4	–	✓	1,5	✓	–	–	–	1	–
26708/18/58/68		DIABLO	24 cm	XL-S		5	✓	✓	1,5	✓	–			3	surface
26706/16/56/66		SOFT BLUE	24 cm	XL-S		5	✓	✓	1,5	✓	–			3	surface
26717/57/67		ALOE VERA	24 cm	L-S		5	✓	✓	1,5	✓	–			3	surface
26702/12/52/62		GRIP MINT	24 cm	XL-S		5	✓	✓	1,5	✓	–			3	surface
26703/13/53/63		Latex finger stalls	7 cm	XL-S		–	✓	–	–	–	–	–	–	1	–

\* Powdered: For easy on and off. Ideal for jobs that require frequent glove changes. Attention: Powder can cause skin irritation on some people. Choose a powder-free alternative.

# Selection guide disposable and chemical protection gloves

								certificates						PSA	grip	
art. no.		product name	length	size	colour	quality level	powder free	EN 420	AQL	EN 455	EN 374				CAT 1-3	textured/ shaped
Vinyl																
26801/11/51/61		Synthetik – ELASTIC	24 cm	XL-S	○	4	✓	✓	1,5	✓	–			3	–	
2680/81/85/86 26806/16/56/66		IDEAL	24 cm	XL-S	○ ●	4	✓	✓	1,5	✓	–			3	–	
26829/09/19/59/69		IDEAL LIGHT	24 cm	XXL-S	○	3	✓	✓	1,5	✓	–			3	–	
26813/53/63		IDEAL LONG	30 cm	L-S	○	5	✓	✓	1,5	✓	–			3	–	
26902/12/52/62		IDEAL FIT	24 cm	XL-S	○	2	✓	–	–	–	–	–	–	1	–	
2690/91/95/96 26906/16/56/66		CLASSIC*	24 cm	XL-S	○ ●	4	–	✓	1,5	✓	–			3	–	
26909/19/59/69		CLASSIC LIGHT*	24 cm	XL-S	○	3	–	✓	1,5	✓	–			3	–	
26901/11/51/61		CLASSIC FIT*	24 cm	XL-S	○	2	–	–	–	–	–	–	–	1	–	
PE																
2620 2621		SOFTLINE EXTRA LANG	85-90 cm	universal	● ●	2	✓	–	–	–	–	–	–	1	–	
2551 25517 25518		SOFTLINE	38 cm	universal	● ● ●	2	✓	–	–	–	–	–	–	1	–	
263206/263602 26326		POLYCLASSIC SOFT	29 cm	L-M	○ ●	2	✓	–	–	–	–	–	–	1	surface	
26419/59 2641/45		POLYCLASSIC STRONG	29 cm	L-M	○	1	✓	–	–	–	–	–	–	1	surface	
26415		POLYCLASSIC SUPERSTRONG	29 cm	L	○	2	✓	–	–	–	–	–	–	1	surface	
263100/110/150/160 263116/156 263118/158/168		ALLFOOD THERMO SOFT	27 / 25 cm	XL-S	○ ● ●	3	✓	–	–	–	–	–	–	1	–	
263112/52		ALLFOOD CPE	29 cm	L-M	○	2	✓	–	–	–	–	–	–	1	surface	
Chemical protection																
26107/17/57/67		Neoprene – NEOTYCOON	24 cm	XL-S	●	6	✓	✓	1,5	–	–			3	fingertips	
26617/57/67		Neoprene – NEOPREM	28 cm	L-S	●	8	✓	✓	–	–	–	–		1	fingertips	
261071/171/571/ 671/771		Neoprene – NEO STRETCH PRO	24 cm	XL-XS	●	6	✓	✓	1,5	–	–			1	fingertips	
26606/16/56/66		Nitrile – SUPER HIGH RISK	30 cm	XL-S	●	8	✓	✓	1,5	✓	–			3	fingertips	
25033/34/35/36		Latex – HIGH RISK	29 cm	XL-S	●	7	✓	✓	1,5	✓	–			3	surface	
2662/0/1/5/6		Nitrile – PROFESSIONAL	34 cm	XXL-S	●	8	✓	✓	1,5	✓	–			3	palm	
26601/11/51		Nitrile – PROFESSIONAL LONG	46 cm	XL-M	●	8	✓	✓	1,5	✓	–			3	palm	
26602/12/52/62		Nitrile – ALLFOOD PROFESSIONAL	34 cm	XL-S	●	5	✓	✓	–	–	–	–	–	1	palm	
26605/15/55		Latex – PROFESSIONAL	30 cm	XL-M	●	6	✓	✓	–	–	–			3	–	
25013/14/15/16		Latex – DUALPRENE	33 cm	XL-S	●	6	✓	–	–	–	–			–	palm & fingertips	
25003/04/05/06		Latex – ANTIACIDO	33 cm	XL-S	●	6	✓	–	–	–	–			3	palm & fingertips	
25902/12/52/62		Latex – CHEMO	33 cm	XL-S	●	8	✓	–	–	–	–			–	palm & fingertips	
25903/13/53/63		Latex	33 cm	XL-S	●	7	✓	–	–	–	–			–	palm & fingertips	

\* Powdered: For easy on and off. Ideal for jobs that require frequent glove changes. Attention: Powder can cause skin irritation on some people. Choose a powder-free alternative.



latex free and  
very skin friendly



**100%**  
food safe



oil and  
grease resistant



very good touch  
sensitivity



elastic  
and flexible



resistant to  
chemicals

#### What is nitrile?

Nitrile is a synthetic material that is produced from mineral oil.

#### Why nitrile gloves?

It is superior to other materials in many areas.

Biggest benefit: Nitrile is 100% free of latex and therefore very skin friendly.

#### What is better: nitrile or latex?

Clearly: nitrile is the better choice. It is more skin friendly than latex and offers maximum protection. The reason: nitrile is dense up to the tear limit and does not become holey. If a nitrile glove looks intact, so is it! Latex behaves differently and can become porous.

#### What are the differences to other materials?

In comparison to cheaper materials like vinyl or PE cuts nitrile better. For those who value fit, feel and protection, Nitrile is the number one choice.

#### Where can I use nitrile gloves?

- in hospital, surgery and patient care: nitrile is one effective barrier against infections – even against MRSA!
- in kitchens, food industry and everywhere, where is worked with food
- in laboratory, pharmaceutical and industry as protection against chemicals and solvents
- during cleaning work. Tip: Use long nitrile gloves for extra protection of the forearms
- in cleanrooms, electrical industry, cosmetics, laboratory and all areas, that require accuracy, a good grip and a lot tact



Approved for direct contact with food.  
Additionally certificated according medical  
device directives (MDD).



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# DISPOSABLE NITRILE



# Selection guide nitrile gloves

page	product name	length	size	colour	quality level	powder free	certificates						PSA	grip
							EN 420	AQL	EN 455	EN 374 Approved for the use of cytotoxic agents Protection against microorganisms Protection against chemicals			CAT 1-3	textured/ shaped
6	EXTRA SAFE	24 cm	XL-S	● ● ●	7	✓	✓	1,5	✓	✓	★	★	3	fingertips
7	SAFE PREMIUM	24 cm	XXL-S	○ ● ●	6	✓	✓	1,5	✓	✓	★	★	3	fingertips
8-9	SAFE LIGHT	24 cm	XXL-XS	● ● ● ● ● ● ●	5	✓	✓	1,5	✓	✓	★	★	3	fingertips
10-11	SAFE FIT	24 cm	XL-S	○ ● ● ● ● ●	4	✓	✓	1,5	✓	–	★	★	3	fingertips
12	ALLFOOD SAFE	24 cm	XL-S	○ ● ●	3	✓	–	–	–	–	–	–	1	fingertips
13	SAFE SUPER STRETCH	40 cm	XL-S	○ ● ●	5	✓	✓	1,5	✓	✓	★	★	3	fingertips
14	EXTRA SAFE SUPERLONG	40 cm	XL-S	● ● ●	7	✓	✓	1,5	✓	✓	★	★	3	fingertips
15	SAFE LONG	30 cm	XL-S	○ ● ● ●	6	✓	✓	1,5	✓	✓	★	★	3	fingertips
15	SAFE LONG LIGHT	30 cm	XL-S	○ ● ●	5	✓	✓	1,5	✓	✓	★	★	3	fingertips
16	POWER GRIP LONG	30 cm	XL-S	● ● ● ●	7	✓	✓	1,5	✓	–	★	★	3	surface
17	POWER GRIP	24 cm	XL-S	● ● ● ●	7	✓	✓	1,5	✓	–	★	★	3	surface
18	CONTROL*	24 cm	XL-S	● ● ● ●	5	–	✓	1,5	✓	–	★	★	3	fingertips
18	SAFE LOTION	24 cm	XL-S	● ● ● ●	5	✓	✓	1,5	✓	–	★	★	3	fingertips
18	Finger stalls	7 cm	L-S	○ ● ●	–	✓	–	–	–	–	–	–	1	–

\* Powdered: For easy on and off. Ideal for jobs that require frequent glove changes. Attention: Powder can cause skin irritation on some people. Choose a powder-free alternative.

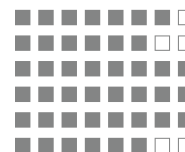


## Nitrile – EXTRA SAFE

**HYGO STAR**

- **particularly strong nitrile**
- very robust and durable
- good grip thanks to textured fingertips
- protection against cytotoxic and biological hazards
- suitable for heavy duty and long operating times
- powder-free, length: 24 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425 0465

CE MPG 93/42/EWG

EN 374-5: 2016

EN 374-1:2016 Type B

CAT 3

AQL 1,5



EN 420

EN 455 1-4



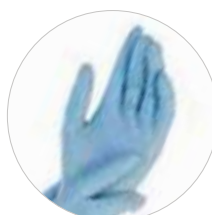
Certified according to ASTM D6978-05 for the contact with cytostatic.

**NEW**

art.-no.	size	colour	PU/piece
270068	XL		
270168	L	black	10 x 100
270568	M		
270668	S		

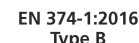
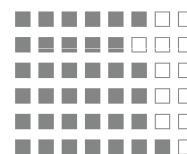
  

art.-no.	size	colour	PU/piece
27006	XL		
27016	L	blue	10 x 100
27056	M		
27066	S		



\*All details about the quality levels on page 395.

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



Certified according to ASTM D6978-05 for the contact with cytostatic.

NEWNEW

Gloves in the PE bag are more hygienic as cartons (soft on) and correspond fully compliant with HACCP / IFS requirements.  
Suitable dispensers on page 290.



**BEST SELLER**



## Nitrile – SAFE LIGHT

**HYGO STAR**

art.-no.	size	colour	PU/piece
27028	XXL		
27008	XL		
27018	L	black	10 x 100
27058	M		
27068	S		

art.-no.	size	colour	PU/piece
27027	XXL		
27007	XL		
27017	L	green	10 x 100
27057	M		
27067	S		

art.-no.	size	colour	PU/piece
26106	XL		
26116	L	purple	10 x 100
26156	M		
26166	S		

art.-no.	size	colour	PU/piece
27005	XL		
27015	L	pink	10 x 100
27055	M		
27065	S		

art.-no.	size	colour	PU/piece
26109	XL		
26119	L	red	10 x 100
26159	M		
26169	S		



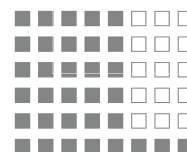
You will find information about hygiene with colour system on page 397.



\*All details about the quality levels on page 395.

## A close-up photograph showing a hand in a white nitrile glove being placed over a hand in a blue nitrile glove. The white glove is being held by a finger, and its palm side is facing the blue-gloved hand. The background is a plain, light-colored surface.

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



EN 374-5:  
2016

EN 374-1:2016  
Type B



**Protection  
against  
cytostatic and  
viruses**

**Certified according to ASTM  
D6978-05 for  
the contact with  
cytostatic.**



**You will find suitable dispensers  
for disposable gloves  
on pages 291-292!**





**BEST SELLER**



## Nitrile – SAFE FIT

HYGONORM

### NEW in the 100s box

art.-no.	size	colour	PU/piece
261082	XL		
261182	L	blue	10 x 100
261582	M		
261682	S		

### in the 200s box

art.-no.	size	colour	PU/piece
26108	XL		
26118	L		
26158	M	blue	10 x 200
26168	S		
26178	XS		



### NEW in the 200s box

art.-no.	size	colour	PU/piece
261008	XL		
261108	L		
261508	M	black	10 x 200
261608	S		
261708	XS		



### in the 200s box

art.-no.	size	colour	PU/piece
261705	XL		
261715	L	orange	10 x 200
261755	M		
261765	S		



### in the 200s box

art.-no.	size	colour	PU/piece
261707	XL		
261717	L	light green	10 x 200
261757	M		
261767	S		



You will find information about hygiene with colour system on page 397.



\*All details about the quality levels on page 395.



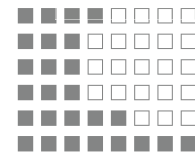
## Nitrile – SAFE FIT

HYGONORM

**BEST SELLER**

- **attractively priced**
- light nitrile
- fits like a second skin
- good tactile sensation for precise work
- good grip thanks to textured fingertips
- protection against biological hazards
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE 0465 PSA VO (EU) 2016/425

CE MPG 93/42/ EWG

EN 374-5: 2016

EN 374-1:2016 Type B

CAT 3

AQL 1,5



EN 420

EN 455 1-4



LKGTM

### **NEW** in the 100s box

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	261002	XL		
	261102	L	white	10 x 100
	261502	M		
	261602	S		

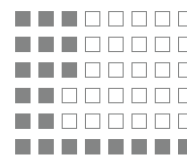
### in the 200s box

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	26100	XL		
	26110	L		
	26150	M	white	10 x 200
	26160	S		
	26170	XS		

## Nitrile – ALLFOOD SAFE

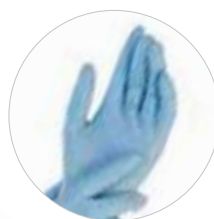
- **very light nitrile, especially favourable**
- specially certified for working with food
- 250 pieces in the box, saves storage costs
- fits like a second skin
- very good sense of touch for precise work
- good grip thanks to textured fingertips
- powder-free, length: 24 cm

- quality level – light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/piece
26101	XL		
26111	L	white	10 x 250
26151	M		
26161	S		

art.-no.	size	colour	PU/piece
26104	XL		
26114	L	blue	10 x 250
26154	M		
26164	S		



**Price  
advantage:  
cheapest  
nitrile glove!**

**NEW** transparent nitrile – extra favourable

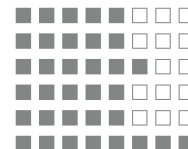
art.-no.	size	colour	PU/piece
261041	XL		
261141	L	transparent	10 x 250
261541	M		
261641	S		

# Nitrile – SAFE SUPER STRETCH

HYGO STAR

- **700% elasticity, better than latex**
- extra elastic and tear-resistant nitrile
- allows very fast dressing and undressing, saving time
- especially kind to the skin as it is free from accelerators
- good grip thanks to textured fingertips
- protection against cytotoxic and biological hazards
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



EN 374-5: 2016

EN 374-1:2016 Type B



protection against cytostatic and viruses  
Certified according to ASTM D6978-05 for the contact with cytostatic.

LKGTM

NEW

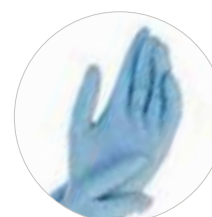
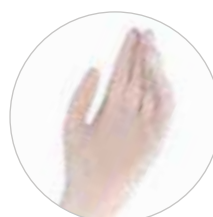
art.-no.	size	colour	PU/piece
261088	XL		
261188	L	black	10 x 100
261588	M		
261688	S		



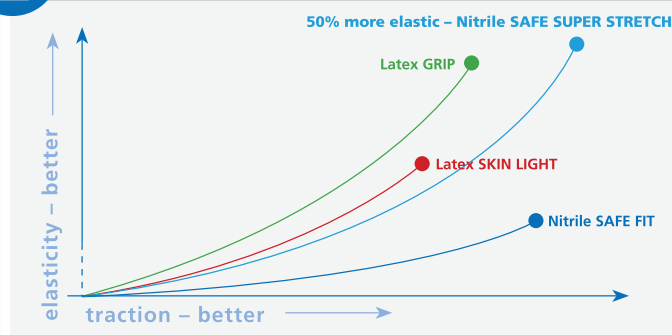
art.-no.	size	colour	PU/piece
261001	XL		
261101	L		
261501	M	white	10 x 100
261601	S		
261701	XS		



art.-no.	size	colour	PU/piece
261081	XL		
261181	L		
261581	M	blue	10 x 100
261681	S		
261781	XS		



## Comparison elasticity SAFE SUPER STRETCH





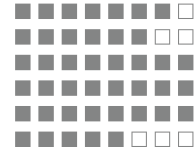


## Nitrile – EXTRA SAFE SUPERLONG

**HYGO STAR**

- **extra long cuff to protect the forearms**
- particularly strong nitrile
- very robust and durable
- good grip thanks to textured fingertips
- protection against cytotoxic and biological hazards
- suitable for heavy duty and long operating times
- powder-free, length: 40 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU)  
0465 2016/425

CE MPG 93/42/  
EWG

EN 374-5:  
2016

EN 374-1:2016  
Type B

CAT  
3

AQL  
1,5



EN  
420

EN 455  
1-4



protection  
against  
cytostatic and  
viruses  
Certified according to ASTM  
D6978-05 for the contact with  
cytostatic.

LKGTM

art.-no.	size	colour	PU/piece
270031	XL		
270131	L	blue	10 x 50
270531	M		
270631	S		



You will find suitable dispensers  
for disposable gloves  
on pages 291-292!



\*All details about the quality levels on page 395.

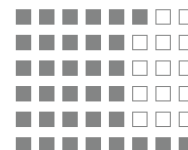
long – 30 cm

## Nitrile – SAFE LONG

HYGOSTAR

- **long cuff to protect the forearms**
- strong nitrile
- good grip thanks to textured fingertips
- protection against cytotoxic and biological hazards
- powder-free, length: 30 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



EN 374-5: 2016  
EN 374-1:2016 Type B



Certified according to ASTM D6978-05 for the contact with cytostatic.

LKGTM

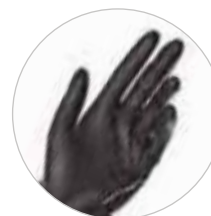
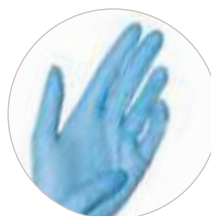
art.-no.	size	colour	PU/piece
27003	XL		
27013	L	white	10 x 100
27053	M		
27063	S		

art.-no.	size	colour	PU/piece
27004	XL		
27014	L	blue	10 x 100
27054	M		
27064	S		

art.-no.	size	colour	PU/piece
270038	XL		
270138	L	black	10 x 100
270538	M		
270638	S		

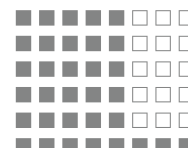


## Nitrile – SAFE LONG LIGHT

HYGONORM

- **light alternative**
- more features like SAFE LONG

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



EN 374-5: 2016  
EN 374-1:2016 Type B



Certified according to ASTM D6978-05 for the contact with cytostatic.

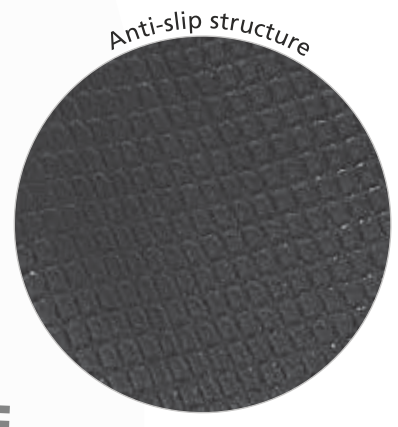
LKGTM

art.-no.	size	colour	PU/piece
270039	XL		
270139	L	white	10 x 100
270539	M		
270639	S		

**NEW**  
from October 2018



long – 30 cm

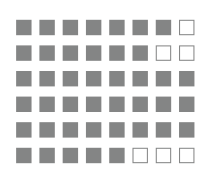


Anti-slip structure

## Nitrile – POWER GRIP LONG HYGO STAR

- **extremely secure and extra long**
- double-sided anti-slip structure, wearable on both sides
- particularly strong nitrile
- inside embossing for a perfect grip of the gloves, no slipping
- very robust and durable
- protection against biological hazards
- for automotive industry, assembly and food processing
- powder-free, length: 30 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE 0465

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EN 374-1:2016 Type B

LKGTM

art.-no.	size	colour	PU/piece
270908	XL		
270918	L	black	10 x 50
270958	M		
270968	S		

### Possible applications



laboratory

food processing companies

service stations

industry

automobile industry

\*All details about the quality levels on page 395.



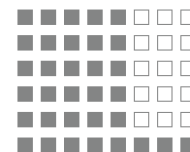


## Nitrile – CONTROL

HYGOSTAR

- **lightly powdered**
- advantage powder: even with moist or sweaty hands can the gloves be put on quickly
- good grip thanks to textured fingertips
- length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425 0465

CE MPG 93/42/ EWG

EN 374-5: 2016

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CAT 3

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EN 420

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LKGTM

art.-no.	size	colour	PU/piece
2600	XL		
2601	L	blue	10 x 100
2605	M		
2606	S		

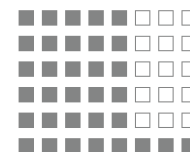


## Nitrile – SAFE LOTION

HYGOSTAR

- **with scent of green tea**
- medium strong nitrile
- good grip thanks to textured fingertips
- ideal for hospital and care
- powder-free, length: 24 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425 0465

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EN 374-5: 2016

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LKGTM

art.-no.	size	colour	PU/piece
26103	XL		
26113	L	green	10 x 100
26153	M		
26163	S		



## Nitrile – FINGER STALLS

HYGOSTAR

- **protects only one finger at a time**
- light nitrile
- with rolled edge, smooth, rolled
- max. freedom of movement, the best possible sense of touch
- for all areas where the whole hand does not need to be protected
- powder-free, length: 7 cm

CE PSA VO (EU) 2016/425

CAT 1



art.-no.	size	colour	PU/piece
26115	L		
26155	M	white	10 x 1000
26165	S		





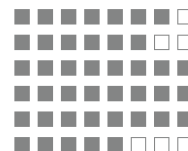
anti-slip structure

## Nitrile – POWER GRIP

**HYGOSTAR**

- **extremely good grip thanks to double-sided anti-slip structure**
- particularly strong nitrile, wearable on both sides
- perfect hold thanks to inside embossing, no slipping
- very robust and durable
- protection against biological hazards
- orange colour is ideal for working in the dark environment
- for automotive industry, assembly and food processing
- powder-free, length: 24 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



EN 374-5: 2016

EN 374-1:2016 Type B



LKGTM

art.-no.	size	colour	PU/piece
270805	XL		
270815	L	orange	10 x 50
270855	M		
270865	S		

### NEW from October 2018

art.-no.	size	colour	PU/piece
270806	XL		
270816	L	dark blue	10 x 50
270856	M		
270866	S		





**100%**  
food save



resistant to  
detergents and  
chemicals



optimal fit



very good touch  
sensitivity



very elastic

#### What is Latex?

Latex is a natural raw material which is obtained from tropical rubber trees (*Hevea brasiliensis*).

#### What are the differences to other materials?

Latex is number one when it comes to fit and comfort. No other material fits your hand as perfectly as one Latex glove. Thanks to its exceptional elasticity he makes every move with ease.

#### Latex allergy topic: why does latex cause allergies?

Latex naturally contains proteins (latex proteins). These Proteins are water-soluble and can enter the body. Especially people who are often in contact with latex professionally react allergic to these proteins. In this case, latex should be avoided at all costs. The tolerable alternative: nitrile gloves.

#### Are there any low allergen latex gloves?

Yes, Franz Mensch attaches great importance to a low protein content of latex gloves. Less protein means less risk of allergies. With the so-called chlorination (washing out in chlorine-liquid), the proteins are washed out. All Franz-Mensch latex gloves have a very low protein value of <50 µg per gram of glove according to the modified Lowry / HPLC method.

#### With or without powder?

Powder-free gloves are more compatible. Because the powder promotes the dissolution of latex proteins and thus also allergic reactions. Another advantage: powder-free gloves do not contaminate food or laboratory samples and are therefore the most important better choice.



Approved for direct contact with food.  
Additionally certificated according medical device  
directives (MDD).



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# DISPOSABLE LATEX



# Selection guide latex gloves

page	product name	length	size	colour	quality level	powder free	certificates						PSA	grip
							EN 420	AQL	EN 455	EN 374 Approved for the use of cytotoxic agents Protection against microorganisms Protection against chemicals			CAT 1-3	textured / shaped
20	SENSE	24 cm	XL-S	○	6	✓	✓	1,5	✓	–	✱	✱	3	surface
20	MED GRIP	24 cm	XL-S	○	6	✓	✓	1,5	✓	–	✱	✱	3	surface
21	GRIP	24 cm	XL-XS	○	5	✓	✓	1,5	✓	–	✱	✱	3	surface
21	GRIP LIGHT	24 cm	XL-S	○	4	✓	✓	1,5	✓	–	–	–	1	surface
22	SKIN*	24 cm	XL-S	○●	5	–	✓	1,5	✓	–	✱	✱	3	–
22	SKIN LIGHT*	24 cm	XL-S	○	4	–	✓	1,5	✓	–	✱	✱	3	–
23	DIABLO	24 cm	XL-S	●	5	✓	✓	1,5	✓	–	✱	✱	3	surface
23	SOFT BLUE	24 cm	XL-S	●	5	✓	✓	1,5	✓	–	✱	✱	3	surface
24	ALOE VERA	24 cm	L-S	●	5	✓	✓	1,5	✓	–	✱	✱	3	surface
24	GRIP MINT	24 cm	XL-S	●	5	✓	✓	1,5	✓	–	✱	✱	3	surface
24	Latex finger stalls	7 cm	XL-S	○	–	✓	–	–	–	–	–	–	1	–

\* Powdered: For easy on and off. Ideal for jobs that require frequent glove changes. Attention: Powder can cause skin irritation on some people. Choose a powder-free alternative.



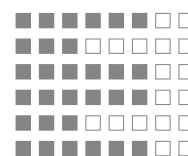
especially for  
medical  
purposes

## Latex – SENSE

**HYGO STAR**

- **low allergen, skin-friendly latex**  
(extremely low protein content of only <30 µg / g)
- strong, double chlorinated latex
- extra grip thanks to textured surface
- ideal for hospital, nursing, medical purposes
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425 0465

CE MPG 93/42/ EWG

EN 374-5: 2016 EN 374-1:2016 Type B

CAT 3

AQL 1,5

EN 420

EN 455 1-4

EN 374-5: 2016

EN 374-1:2016 Type B

EN 374-1:2016 Type B

EN 374-1:2016 Type B

LKGM

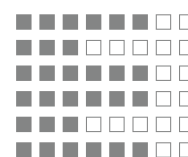
art.-no.	size	colour	PU/piece
26701	XL		
26711	L	nature	10 x 100
26751	M		
26761	S		

## Latex – MED GRIP

**HYGO STAR**

- Removal opening with protective film – gloves remain
- **hygienically clean after opening**
- strong latex, low allergen
- good skin compatibility (low protein content of only <50 µg/g)
- extra grip thanks to textured surface
- reliable barrier against biological hazards
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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EN 374-1:2016 Type B

EN 374-1:2016 Type B

EN 374-1:2016 Type B

LKGM

art.-no.	size	colour	PU/piece
2670M	XL		
2671M	L	white	10 x 100
2675M	M		
2676M	S		

\*All details about the quality levels on page 395.

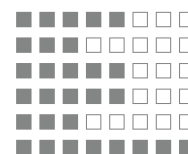


## Latex – GRIP

HYGOSTAR

- **the best-selling latex glove at Franz Mensch**
- medium strong latex
- extra grip thanks to textured surface
- perfect fit
- protection against biological hazards
- powder-free, length: 24 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425

CE MPG 93/42/ EWG

EN 374-5: 2016 EN 374-1:2016 Type B

CAT 3

AQL 1,5



EN 420

EN 455 1-4



LKGM

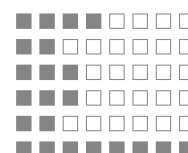
art.-no.	size	colour	PU/piece
2670	XL		
2671	L		
2675	M	white	10 x 100
2676	S		
2677	XS		

## Latex – GRIP LIGHT

HYGONORM

- **very favourable**
- light latex
- fits like a second skin
- good sense of touch for precise work
- extra grip thanks to textured surface
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425

CAT 1



AQL 1,5

EN 420

EN 455 1-4

art.-no.	size	colour	PU/piece
26709	XL		
26719	L	white	10 x 100
26759	M		
26769	S		



You will find suitable dispenser for disposable gloves on pages 291-292!





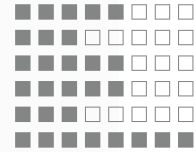


## Latex – SKIN

HYGOSTAR

- **lightly powdered latex**
- Advantage of powder: even with wet or sweaty hands, the gloves are easy to put on
- Protection against biological hazards
- lightly powdered, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE 0465 PSA VO (EU) 2016/425

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EN 374-5: 2016 EN 374-1:2016 Type B

CAT 3

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EN 420

EN 455 1-4



LKGM



art.-no.	size	colour	PU/piece
2650	XL		
2651	L	white	10 x 100
2655	M		
2656	S		



art.-no.	size	colour	PU/piece
26506	XL		
26516	L	blue	10 x 100
26556	M		
26566	S		

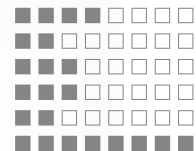


## Latex – SKIN LIGHT

HYGONORM

- **most favourable latex glove at Franz Mensch**
- light latex
- fits like a second skin
- good sense of touch for precise work
- lightly powdered, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE 0465 PSA VO (EU) 2016/425

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EN 374-5: 2016 EN 374-1:2016 Type B

CAT 3

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EN 420

EN 455 1-4



LKGM



art.-no.	size	colour	PU/piece
26509	XL		
26519	L	white	10 x 100
26559	M		
26569	S		

\*All details about the quality levels on page 395.

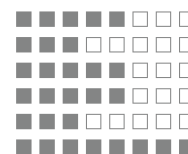


## Latex – DIABLO

HYGOSTAR

- **trend color black**
- medium strong latex
- safe grip thanks to slightly textured surface
- for tattoo, piercing, hairdressing, funeral homes or modern gastronomy (street food, event catering)
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425 0465

CE MPG 93/42/ EWG

EN 374-5: 2016

EN 374-1:2016 Type B

CAT 3

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EN 420

EN 455 1-4



LKGM

art.-no.	size	colour	PU/piece
26708	XL		
26718	L	black	10 x 100
26758	M		
26768	S		

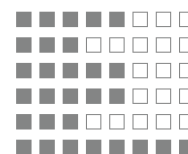


## Latex – SOFT BLUE

HYGOSTAR

- **extra soft**
- medium strong latex
- extra grip thanks to textured surface
- thanks to the blue color ideal for the food industry, stands out contrasting the foodstuffs
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425 0465

CE MPG 93/42/ EWG

EN 374-5: 2016

EN 374-1:2016 Type B

CAT 3

AQL 1,5



EN 420

EN 455 1-4



LKGM

art.-no.	size	colour	PU/piece
26706	XL		
26716	L	blue	10 x 100
26756	M		
26766	S		







cheap alternative  
to nitrile or latex



food safe for non-greasy foods



smooth surface



free from dangerous  
plasticisers

#### What is vinyl?

Vinyl is the abbreviated name for polyvinyl chloride (PVC) and is a solid plastic in its original form.

#### Why vinyl gloves?

Biggest argument for vinyl gloves: their low price! Vinyl is ideal for those who are looking for a reasonably priced glove and are willing to make small adjustments in terms of fit and comfort.

#### What are the differences to other materials?

Vinyl is less elastic and puncture-resistant than latex and nitrile. Also in terms of fit vinyl can not compete with latex or nitrile. Vinyl gloves fit always a bit looser on the hand

#### Where can I use Vinyl gloves?

Vinyl is suitable for low-risk areas and limited food contact. For to make a solid plastic disposable gloves, plasticisers (phthalates) must be used. These plasticisers are both advantages and disadvantages. Plasticizers give the material the necessary extensibility, softness and flexibility. On the other hand, the plasticisers can be easily dissolved out of the glove and e.g. contaminate foods.

Therefore, vinyl gloves in the food industry are recommended only for **non-greasy and non-oily foods**.



Approved for direct contact with food.  
Additionally certificated according medical device  
directives (MDD).



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# DISPOSABLE VINYL



# Selection guide vinyl gloves

page	product name	length	size	colour	quality level	powder free	certificates						PSA	grip
							EN 420	AQL	EN 455	EN 374 Approved for the use of cytotoxic agents Schutz gegen Mikroorganismen Schutz gegen Chemikalien			CAT 1-3	textured / shaped
26	Synthetik – ELASTIC	24 cm	XL-S	○	4	✓	✓	1,5	✓	–	✱	✱	3	–
27	IDEAL	24 cm	XL-S	○●	4	✓	✓	1,5	✓	–	✱	✱	3	–
27	IDEAL LIGHT	24 cm	XXL-S	○	3	✓	✓	1,5	✓	–	✱	✱	3	–
28	IDEAL LONG	30 cm	L-S	○	5	✓	✓	1,5	✓	–	✱	✱	3	–
28	IDEAL FIT	24 cm	XL-S	○	2	✓	–	–	–	–	–	–	1	–
29	CLASSIC*	24 cm	XL-S	○●	4	–	✓	1,5	✓	–	✱	✱	3	–
30	CLASSIC LIGHT*	24 cm	XL-S	○	3	–	✓	1,5	✓	–	✱	✱	3	–
30	CLASSIC FIT*	24 cm	XL-S	○	2	–	–	–	–	–	–	–	1	–







\* Powdered: For easy on and off. Ideal for jobs that require frequent glove changes. Attention: Powder can cause skin irritation on some people. Choose a powder-free alternative.



## Synthetik – ELASTIC

**HYGOSTAR**

- as favourable as vinyl, as comfortable as latex
- lightweight synthetic material
- very elastic and perfect fit
- protection against biological hazards
- also suitable for longer wearing times
- powder-free or slightly powdered, length: 24 cm

- quality level – medium strong\* 
- oil and grease resistance 
- tear strength 
- abrasion resistance 
- chemical resistance 
- sensitiveness 

CE 0465 PSA VO (EU) 2016/425

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EN 420

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LKGM

### powder free

art.-no.	size	colour	PU/piece
26801	XL		
26811	L	white	10 x 100
26851	M		
26861	S		

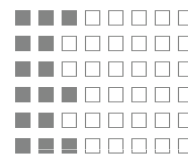
\*All details about the quality levels on page 395.

## Vinyl – IDEAL LIGHT

HYGONORM

- **light alternative**
- more features like IDEAL

- quality level – light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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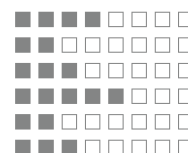
art.-no.	size	colour	PU/piece
26829	XXL		
26809	XL		
26819	L	white	10 x 100
26859	M		
26869	S		

## Vinyl – IDEAL

HYGOSTAR

- **the best-selling vinyl glove at Franz Mensch**
- light vinyl
- protection against biological hazards
- powder-free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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art.-no.	size	colour	PU/piece
2680	XL		
2681	L	white	10 x 100
2685	M		
2686	S		

art.-no.	size	colour	PU/piece
26806	XL		
26816	L	blue	10 x 100
26856	M		
26866	S		



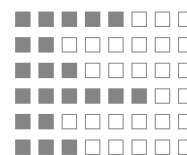


## Vinyl – IDEAL LONG

HYGOSTAR

- extra long cuff to protect the forearms
- medium strong vinyl
- protection against biological hazards
- powder-free, length: 30 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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LKGM

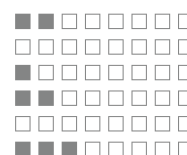
art.-no.	size	colour	PU/piece
26813	L	white	10 x 100
26853	M		
26863	S		

## Vinyl – IDEAL FIT

HYGONORM

- attractively priced
- very light vinyl
- powder-free, length: 24 cm

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



CE PSA VO (EU) 2016/425

CAT 1



art.-no.	size	colour	PU/piece
26902	XL	white	10 x 100
26912	L		
26952	M		
26962	S		

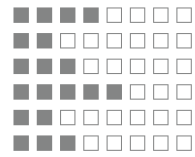
\*All details about the quality levels on page 395.

# Vinyl – CLASSIC

HYGOSTAR

- **classic, lightly powdered vinyl glove**
- light vinyl
- advantage of powder: even with wet or sweaty hands, the gloves are easy to put on
- protection against biological hazards
- lightly powdered, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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CAT 3

AQL 1,5



EN 420

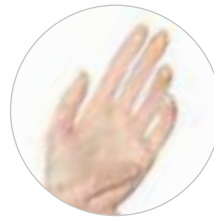
EN 455 1-4



LKGM

art.-no.	size	colour	PU/piece
26906	XL		
26916	L	blue	10 x 100
26956	M		
26966	S		

art.-no.	size	colour	PU/piece
2690	XL		
2691	L	white	10 x 100
2695	M		
2696	S		



You will find suitable dispenser holders for disposable gloves on pages 291-292!





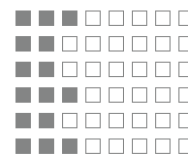


## Vinyl – CLASSIC LIGHT



- **very light vinyl**
- advantage of powder: even with wet or sweaty hands, the gloves are easy to put on
- protection against biological hazards
- lightly powdered, length: 24 cm

- quality level – light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



EN 374-5: 2016

EN 374-1:2016 Type B



LKGM

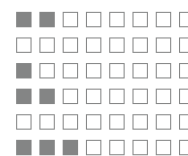
art.-no.	size	colour	PU/piece
26909	XL		
26919	L	white	10 x 100
26959	M		
26969	S		

## Vinyl – CLASSIC FIT



- **most favourable vinyl glove at Franz Mensch**
- very light vinyl
- advantage of powder: even with wet or sweaty hands, the gloves are easy to put on
- lightly powdered, length: 24 cm

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/piece
26901	XL		
26911	L	white	10 x 100
26951	M		
26961	S		

\*All details about the quality levels on page 395.



neutral

odor and  
tasteless



reasonably priced



excellent for the contact  
with food

#### What is PE?

PE (polyethylene) is a thermoplastic. PE can be versatile to either soft films or solid bodies such as plastic bottles are processed.

#### There are three types of PE:

##### 1. LDPE (soft PE, low density)

is soft and very flexible. It feels denser than

##### 2. MDPE (medium PE, medium density)

combines the properties of LDPE and HDPE. MDPE is firmer than LDPE, but more flexible than HDPE. In haptics, MDPE is softer than HDPE, but stiffer than LDPE.

##### 3. HDPE (hard PE, high density)

is very tear-resistant and resilient. The material is stiff and sounds rustling, much like paper.

#### At Franz Mensch you will find moreover two special materials:

##### 4. TPE (thermoplastic elastomers)

a novel material with silicone-like qualities. The main raw material for the production of elastomers is natural or synthetic rubber, which is combined with the functionality of a plastic. This skin-like material is odorless, contains no plasticizers (phthalates) and no silicone, has good elasticity and strength. The disadvantage: It is only suitable for low-risk areas.

##### 5. CPE (cast polyethylene)

a novel material that is allergy-free and very skin-friendly: free of alkylphenols, silicone and latex. The specially treated material (acts like air cushion) is not obvious and provides an airy effect for the skin. It can breathe better and stay dry for longer. CPE is strong, tear-resistant and oil and grease resistant.

DISPOSABLE  
PE

# Selection guide PE gloves

selection guide PE gloves							certificates						PSA	grip
page	product name	length	sizen	colour	quality level	powder free	EN 420	AQL	EN 455	EN 374 Approved for the use of cytotoxic agents Protection against microorganisms Protection against chemicals	CAT 1-3	textured / shaped		
32	SOFTLINE EXTRA LANG	85-90 cm	universal	<div><div></div><div></div><div></div></div>	2	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	–		
33	SOFTLINE	38 cm	universal	<div><div></div><div></div><div></div><div></div></div>	2	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	–		
33	POLYCLASSIC SOFT	29 cm	L-M	<div><div></div></div>	2	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	surface		
34	POLYCLASSIC STRONG	29 cm	L-M	<div><div></div></div>	1	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	surface		
34	POLYCLASSIC SUPERSTRONG	29 cm	L	<div><div></div></div>	2	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	surface		
35	ALLFOOD THERMOSOFT	27 / 25 cm	XL-S	<div><div></div><div></div><div></div></div>	3	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	–		
36	ALLFOOD CPE	29 cm	L-M	<div><div></div></div>	2	✓	–	–	–	<div><div></div><div></div><div></div></div>	1	surface		

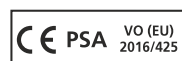
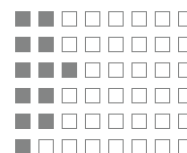


## LDPE – SOFTLINE EXTRA LONG

**HYGO**STAR

- **extra long to protect the entire arm**
- soft, smooth LDPE, approx. 30 my
- for cleaning, veterinary, meat industry, kitchen

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	length	colour	PU/piece
2620	90 cm	orange	40 x 50

### with elastic band

art.-no.	length	colour	PU/piece
2621	90 cm	green	40 x 50



You will find suitable dispensers for disposable PE gloves on page 290!



\*All details about the quality levels on page 395.

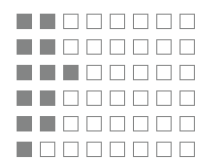


## LDPE – SOFTLINE

HYGOSTAR

- **soft, smooth LDPE, approx. 30 my**
- for cleaning work
- good moisture protection

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



	art.-no.	length	colour	PU/piece
■	2551		blue	50 x 100
■	25517	38 cm	green	50 x 100
■	25518		yellow	50 x 100

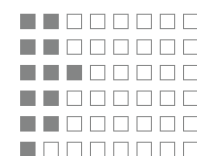


## LDPE – POLYCLASSIC SOFT

HYGOSTAR

- **soft, embossed (hammered) LDPE, approx. 18 my**
- for kitchen, food processing industry, medicine,
- gas stations
- length: 29 cm

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



### 100s dispenser

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	263206	L	transparent	50 x 100
	263602	M		
■	art.-no.	size	colour	PU/piece
	26326	L	blue	50 x 100

### NEW 50s blocked

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	26321	L	transparent	100 x 50

### NEW pairwise packaged

<input type="checkbox"/>	art.-no.	size	colour	PU/pair
	S2632	L	transparent	5.000
	S2636	M		5.000



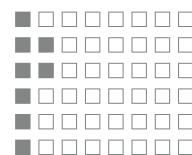


## HDPE – POLYCLASSIC STRONG



- **solid, embossed (hammered) HDPE, approx. 12 my**
- ideal as a diesel glove
- length: 29 cm

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



### 500s dispenser

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	26419	L	transparent	10 x 500
	26459	M	transparent	10 x 500

### 100s bag

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	2641	L	transparent	100 x 100
	2645	M	transparent	100 x 100

### 100s blocked

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	26411	L	transparent	100 x 100

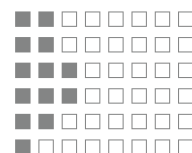


## MDPE – POLYCLASSIC SUPERSTRONG



- **combines the properties of LDPE and HDPE**
- embossed (hammered) MDPE, approx. 11 my
- length: 29 cm

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



### 500s dispenser

<input type="checkbox"/>	art.-no.	size	colour	PU/piece
	26415	L	transparent	10 x 500

\*All details about the quality levels on page 395.

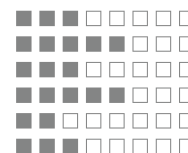
good value  
alternative  
to vinyl

## TPE – ALLFOOD THERMOFOOT

HYGOSTAR

- **soft as vinyl, favourable as PE**
- thermoplastic, skin-friendly, odorless TPE
- extra soft material for easy on and off
- very elastic and tearproof
- specially certified for working with food
- powder-free, length: 24-28 cm

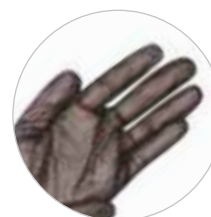
- quality level – light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness

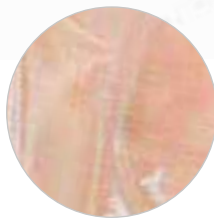


art.-no.	size	colour	PU/piece
263100	XL	transparent	10x 200
263110	L		
263150	M		
263160	S		

art.-no.	size	colour	PU/piece
263116	L	blue	10 x 200
263156	M		

art.-no.	size	colour	PU/piece
263118	L	black	20 x 100
263158	M		
263168	S		



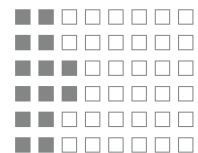


## ALLFOOD CPE

**HYGO STAR**

- **specific rhomb material for airy comfort**
- skin-friendly CPE (cast polyethylene), approx. 23 my
- glove is not obvious, so the skin can breathe better and stay dry for longer
- textured surface
- very elastic and tearproof
- specially certified for working with food
- powder-free, length: 29 cm

- quality level – very light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/piece
263112	L	transparent	10 x200
263152	M		





good fit and  
wearing comfort



touch sensitivity



skin tolerance



greatest protection  
effect



resistant to chemicals

Our hands are essential tools in our daily work and require reliable protection. Especially in production and in industry wherever contact with hazardous materials is part of daily working life. Accordingly chemical protection gloves are classified as Personal Protective Equipment (PPE). They are required by law and are subject to strict test criteria.

#### How to properly select chemical gloves:

##### 1. Assessment of chemical hazard:

See Chemical Resistance Chart on page 393.

##### 2. Application:

- Usage characteristics
- Greatest protection effect
- Skin tolerance
- Fit and wearing comfort
- Touch sensitivity and grip profile
- Mechanical and thermal properties

##### 3. Permeation and protection period

This refers to the period which a chemical requires to penetrate the glove membrane. The values are simulated in the laboratory and serve only as guidelines. Other influencing factors include wearing period and thermal and mechanical stress. The age of the glove and its cleaning are also important factors.

Test the gloves yourself! Important: Wear it just once!

##### 4. Materials

Each material provides protection for a range of chemical groups. The materials include nitrile, neoprene, vinyl and (natural) latex. Allow us to advise you.

# CHEMICAL PROTECTION

and  
Universal gloves

# Selection guide chemical protection gloves

page	name	material	length	colour	quality level	powder free	certificates						PSA	grip
							EN 420	AQL	EN 455	EN 374 Approved for the use of cytotoxic agents Protection against microorganisms Protection against chemicals			CAT 1-3	textured/ shaped
38	NEOTYCOON	neoprene	24 cm	●	6	✓	✓	1,5	–	–	✱	✱	3	fingertips
38	NEOPREM	neoprene	28 cm	●	8	✓	✓	–	–	–	✱	✱	1	fingertips
39	NEO STRETCH PRO	neoprene	24 cm	●	6	✓	✓	1,5	–	–	✱	✱	1	fingertips
40	SUPER HIGH RISK	nitrile	30 cm	●	8	✓	✓	1,5	✓	–	✱	✱	3	fingertips
40	HIGH RISK	latex	29 cm	●	7	✓	✓	1,5	✓	–	✱	✱	3	surface
41	PROFESSIONAL	nitrile	34 cm	●	8	✓	✓	1,5	✓	–	✱	✱	3	palm
41	PROFESSIONAL LONG	nitrile	46 cm	●	8	✓	✓	1,5	✓	–	✱	✱	3	palm
42	ALLFOOD PROFESSIONAL	nitrile	34 cm	●	5	✓	✓	–	–	–	–	–	1	palm
42	PROFESSIONAL	latex	30 cm	●	6	✓	✓	–	–	–	✱	✱	3	–
43	DUALPRENE	latex	33 cm	●	6	✓	✓	–	–	–	✱	✱	–	palm & fingertips
43	ANTIACIDO	latex	33 cm	●	6	✓	✓	–	–	–	✱	✱	–	palm & fingertips
44	CHEMO	latex	33 cm	●	8	✓	✓	–	–	–	✱	✱	–	palm & fingertips
44	TRIPLEX	latex	33 cm	●	7	✓	✓	–	–	–	✱	✱	–	palm & fingertips



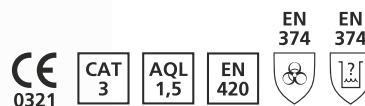
## Neoprene – NEOTYCOON

**HYGOSTAR**

### • high skin tolerance and excellent comfort

- strong neoprene
- PU coated inside for easy donning
- grippy thanks to textured fingertips
- protection against biological hazards
- powder free, length: 24 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/piece
26107	XL		
26117	L	green	10 x 100
26157	M		
26167	S		

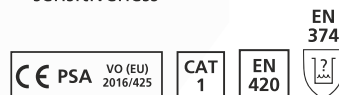
## Neoprene – NEOPREM

**HYGOSTAR**

### • extremely strong and long, also protects the forearms

- extra strong neoprene, premium quality
- very robust and durable
- grippy thanks to textured fingertips
- high protection properties thanks to thick wall thickness
- also suitable for repeated use
- powder free, length: 28 cm

- quality level – especially strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/piece
26617	L		
26657	M	green	10 x 50
26667	S		

- **over 1.000% elasticity, more elastic than latex**
- extremely elastic and tearproof neoprene
- allows very fast donning and doffing, saving time
- grippy thanks to textured fingertips
- ideal fit and tactile sensibility
- protection against biological hazards
- powder free, length: 24 cm

- 

39



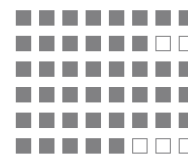


## Nitrile – SUPER HIGH RISK

HYGOSTAR

- **comfortable disposable glove for the whole day**
- particularly strong nitrile
- very robust and durable
- good tactile sensation for precise work
- extra grip thanks to textured surface
- long cuff to protect the forearms
- protection against biological hazards
- high protection properties thanks to thick wall thickness
- also suitable for repeated use
- powder free, length: 30 cm

- quality level – especially strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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LKGTM

art.-no.	size	colour	PU/piece
26606	XL		
26616	L	blue	10 x 50
26656	M		
26666	S		

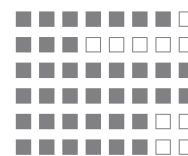


## Latex – HIGH RISK

HYGOSTAR

- **increased mechanical and chemical resistance thanks to chlorinated outside**
- allergy arm thanks to chlorinated inside
- particularly strong latex
- very robust and durable
- extra grip thanks to textured surface
- protection against biological hazards
- high protection properties thanks to thick wall thickness
- powder free, length: 28 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



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LKGM

art.-no.	size	colour	PU/piece
25033	XL		
25034	L	blue	10 x 50
25035	M		
25036	S		

food safe!

nub structure

extra long - 46 cm

## Nitrile – PROFESSIONAL

HYGO STAR

- **full chemical protection**
- comfortable chemical protection glove made of nitrile
- extremely grip-safe thanks to the nub structure for a strong grip dry and wet grip
- ideal wearing comfort and flexibility, even at low temperatures
- long cuff to protect the forearms
- protection against biological hazards
- available in 2 lengths: 34 cm, 46 cm

### 34 cm long

- flocked with cotton for best wearing comfort

- quality level – especially strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness

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CE MPG 93/42/ EWG

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EN 374-1:2016 Type A

EN 388: 2016

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AKLNOT

2101XX

art.-no.	size	colour	PU/pair
2662	XXL		
2660	XL		
2661	L	green	144 x 1
2665	M		
2666	S		

### 46 cm long

- quality level – especially strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness

CE PSA VO (EU) 2016/425 0465

CE MPG 93/42/ EWG

EN 374-5: 2016

EN 374-1:2016 Type A

EN 388: 2016

CAT 3

AQL 1,5

EN 420

EN 455 1-4



AJKLOT

4102XX

art.-no.	size	colour	PU/pair
26601	XL		
26611	L	green	12
26651	M		

### Applications:



agricultural economics



agriculture metal finishing



laboratory



printing industry



food industry



color / coatings



automotive industry









cleaning



## Nitrile – ALLFOOD PROFESSIONAL

HYGO STAR

- **specially certified for working with food**
- lightweight universal nitrile glove
- flocked with cotton for best wearing comfort
- with antislip profile in order to handle wet and greasy objects
- long cuff to protect the forearms
- length: 34 cm

- quality level – medium strong\* 
- oil and grease resistance 
- tear strength 
- abrasion resistance 
- chemical resistance 
- sensitiveness 









art.-no.	size	colour	PU/pair
26602	XL		
26612	L	blue	144 x 1
26652	M		
26662	S		



## Latex – PROFESSIONAL

HYGO STAR

- **outside latex full-immersion, inside cotton jersey lining**
- strong universal latex glove
- thanks to inner lining also suitable for latex-sensitive users
- liquid-tight, heat and cold-insulating
- long cuff to protect the forearms
- protection against biological hazards
- length: 30 cm

- quality level – medium strong\* 
- oil and grease resistance 
- tear strength 
- abrasion resistance 
- chemical resistance 
- sensitiveness 



art.-no.	size	colour	PU/pair
26605	XL		
26615	L	blue	144 x 1
26655	M		



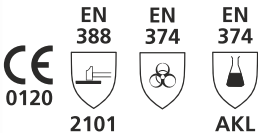
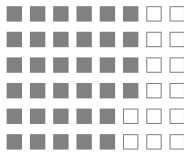


## Latex – DUALPRENE

HYGOSTAR

- **with double coating of neoprene**
- strong chemical protection glove made of latex
- flocked with cotton for best wearing comfort
- extremely grip-safe thanks to the nub structure for a strong grip dry and wet grip
- long cuff to protect the forearms
- protection against biological hazards
- length: 33 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



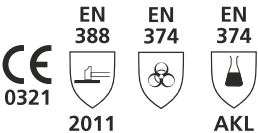
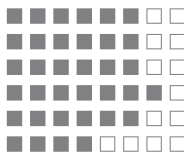
art.-no.	size	colour	PU/pair
25013	XL		
25014	L	blue-yellow	24 x 1
25015	M		
25016	S		

## Neoprene – ANTIACIDO

HYGOSTAR

- **high-quality material duo: strong neoprene mixed with elastic latex**
- extra strong neoprene chemical protection glove
- soft quality, flocked inside with cotton for best wearing comfort
- extremely grip-safe thanks to the nub structure for a strong grip dry and wet grip
- long cuff to protect the forearms
- protection against biological hazards
- for working with oil, grease, petrol, kerosene, acids and similar
- length: 33 cm

- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/pair
25003	XL		
25004	L	black	24 x 1
25005	M		
25006	S		



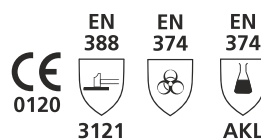
nub structure

## Latex – CHEMO

HYGOSTAR

- **with double coating of latex**
- strong chemical protection glove made of latex
- very elastic and comfortable to wear
- flocked with cotton for best wearing comfort
- extremely grip-safe thanks to the nub structure for a strong grip dry and wet grip
- long cuff to protect the forearms
- protection against biological hazards
- for working with solvents, acids and alkalis, less suitable for oils, fats and petrol
- length: 33 cm

- quality level – especially strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/pair
25902	XL		
25912	L	black	24 x 1
25952	M		
25962	S		



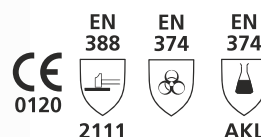
nub structure

## Latex – TRIPLEX

HYGOSTAR

- **with triple coating of latex**
- especially strong chemical protection glove made of latex
- orange as signal effect
- flocked with cotton for best wearing comfort
- extremely grip-safe thanks to the nub structure for a strong grip dry and wet grip
- long cuff to protect the forearms
- protection against biological hazards
- for working with solvents, acids and alkalis, less suitable for oils, fats and petrol
- length: 33 cm

- quality level – strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/pair
25903	XL		
25913	L	orange	24 x 1
25953	M		
25963	S		

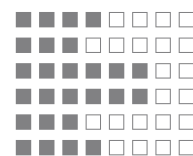


## Latex – BETTINA

HYGO STAR

- **soft and comfortable thanks to high latex content**
- strong universal glove made of latex
- flocked with cotton for best wearing comfort
- very secure thanks to honeycomb structure
- long cuff to protect the forearms
- for general cleaning work in industry and household, when dealing with detergents in kitchen, canteen and laboratory
- length: 30 cm

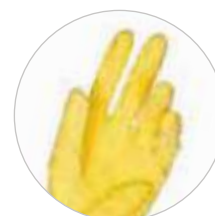
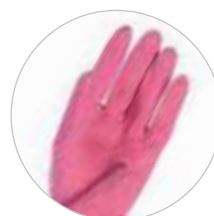
- quality level – medium strong\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/pair
25915	XXL		
25905	XL		
25925	L	pink	12 x 12
25955	M		
25965	S		

art.-no.	size	colour	PU/pair
25906	XL		
25926	L	blue	12 x 12
25956	M		
25966	S		

art.-no.	size	colour	PU/pair
25918	XXL		
25908	XL		
25928	L	yellow	12 x 12
25958	M		
28968	S		







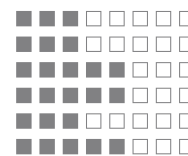
honeycomb structure

## Latex – BETTINA SOFT

**HYGOSTAR**

- **extra soft and a light alternative**
- good tactile sensation for precise work
- more features like BETTINA

- quality level – light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/pair
25807	XL		
25827	L	yellow	10 x 12
25857	M		
25867	S		

art.-no.	size	colour	PU/pair
25806	XL		
25816	L	blue	10 x 12
25856	M		
25866	S		



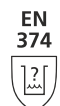
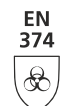
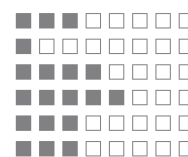
latex free!

## Vinyl – VERA

**HYGOSTAR**

- **ideal for allergy persons because latex free**
- particularly light universal glove made of vinyl
- unflocked
- safe grip thanks to very fine, full-surface texturing
- very good sense of touch for precise work
- long cuff to protect the forearms
- for general cleaning work in industry and household
- length: 30 cm

- quality level – light\*
- oil and grease resistance
- tear strength
- abrasion resistance
- chemical resistance
- sensitiveness



art.-no.	size	colour	PU/pair
25725	L	orange	100 x 1
25755	M	orange	100 x 1

art.-no.	size	colour	PU/pair
25728	L	yellow	100 x 1
25758	M	yellow	100 x 1

