



KLINION[®]
PERSONAL PROTECTION

Klinion[®] examination gloves



Safety · Comfort · Performance



www.klinion.com



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SAFETY, COMFORT & PERFORMANCE

Klinion®, a heritage of quality and safety; For over 100 years, Klinion® has been providing patients with high-quality products and excellent cost-effectiveness. Klinion® has consistently pushed the boundaries of what's possible in medical and protective equipment.

Klinion® personal protection examination gloves are designed to meet the highest demands of healthcare professionals, ensuring both optimal protection and a comfortable fit. Our gloves are crafted with high-quality materials, providing good barrier protection against pathogens and contaminants while maintaining the tactile sensitivity required for delicate tasks.

We are committed to environmental, social and governance (ESG) improvements, while maintaining our quality.

AUDIT AND ETHICAL SOURCING

We advocate for labour and human rights in our supply chain through our Ethical Sourcing Programme, AMFORI and Worldwide Accredited Production (WRAP) certification.



ENVIRONMENT AND CLIMATE CHANGE

We are ISO 14001-certified, allowing us to assess environmental risks and measure energy savings, helping to reduce carbon emissions.

ESG at Mediq

Mediq Mission

We deliver the right and the most efficient outcomes to European healthcare by providing products, services and solutions.

Products



We deliver products with **minimal environmental impact** – keeping **circularity** as our guiding principle – that are **ethically produced**.

Services



We provide services and solutions to **enrich the quality of life** of patients and people working in healthcare and **support the sustainability transition** in healthcare.

Operations

We operate minimizing **waste**, use of **packaging material**, emission in **transport**, and energy use in **buildings**. Keeping **circularity** as our guiding principle.



Our people

We develop and empower **engaged, healthy** and **diverse** people.



Sustainability approach

Mediq is at the heart of healthcare, and we leverage this unique position to collaborate closely with healthcare partners to accomplish sustainability transition in healthcare.



Visit us at:
<https://mediq.com/about-us/environmental-social-governance>
to learn more about our sustainable initiatives.



Our commitment to you

Klinion® examination gloves are categorised as class I non-sterile medical devices, in accordance with Regulation (EU) 2017/745 and classified under Personal Protective Equipment (PPE) Regulation (EU) 2016/425 Category I (latex) or III (nitrile & vinyl). This classification reinforces our commitment to providing continuous protection and ensuring the safety of healthcare workers and patients.



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MATERIALS, FEATURES AND ITEM INDEX



	Standard Nitrile	Skin-friendly Nitrile	Vinyl	Latex
Medical Device Regulation (MDR)	CE Class I	CE Class I	CE Class I	CE Class I
Personal Protective Equipment (PPE) regulation	Category III	Category III	Category III	Category I
Latex-free	✓	✓	✓	
AQL per EN455-1	1.5	1.5	1.5	1.5
Length per EN455-2	≥ 240 mm	≥ 240 / ≥ 295 mm	≥ 240 / ≥ 295 mm	≥ 240 mm
Force at break per EN455-2	≥ 6 N	≥ 6 N	≥ 3.6 N	≥ 6 N
Powder-free per EN455-3	✓	✓	✓	✓
Chemical testing per EN16523-1	✓	✓	✓	✓
Chemo testing per ASTM D6978-05	✓	✓		
Food contact	✓	✓	✓	✓
Accelerator-free		✓	✓	

description	color	quantity per inner box	quantity per outer box	x-small	small	medium	large	x-large
Standard Nitrile								
Ultra Comfort White	○	150	1500	103525	103526	103527	103528	103529
Ultra Comfort White	○	150	1500	102601	102602	102603	102604	102605
Ultra Comfort Blue	●	150	1500	102606	102607	102608	102609	102610
Ultra Comfort Blue	●	100	1000	103520	103521	103522	103523	103524
Ultra Comfort Blue	●	200/XL180	2000/XL1800	1035202	1035212	1035222	1035232	1035242
Skin-friendly Nitrile								
Sensitive Soft	●	150	1500	202470	202471	202472	202473	202474
Sensitive	●	150	1500	102470	102471	102472	102473	102474
Sensitive Long	●	150	1500	102488	102484	102485	102486	102487
Ultra Safe	●	150	1500	165040	165041	165042	165043	165044
Vinyl								
Phthalate-free	○	100	1000	75685220	75685221	75685222	75685223	75685224
Phthalate-free Long	○	100	1000	75685129	75685130	75685131	75685132	75685133
Latex								
Polymer coated	○	100	1000	102645	102646	102647	102648	102649



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GLOVES PROPERTIES: CHEMICAL AND CHEMOTHERAPY RESISTANCE AND VIRAL PENETRATION

Chemical and chemotherapy matrix

Kinion® examination gloves are tested against a wide range of chemicals and chemotherapy drugs. For a full list of test results and detailed information on the breakthrough time of each chemical and chemotherapy drug, please contact your sales manager.

Viral penetration

The viral penetration test determines if a glove provides an effective barrier against one of the smallest measurable viruses in the world, phi-X174. If the glove is a barrier to the phi-X174 virus, it also provides a barrier against larger viruses. All of our Klinion® examination gloves have passed the viral penetration test.

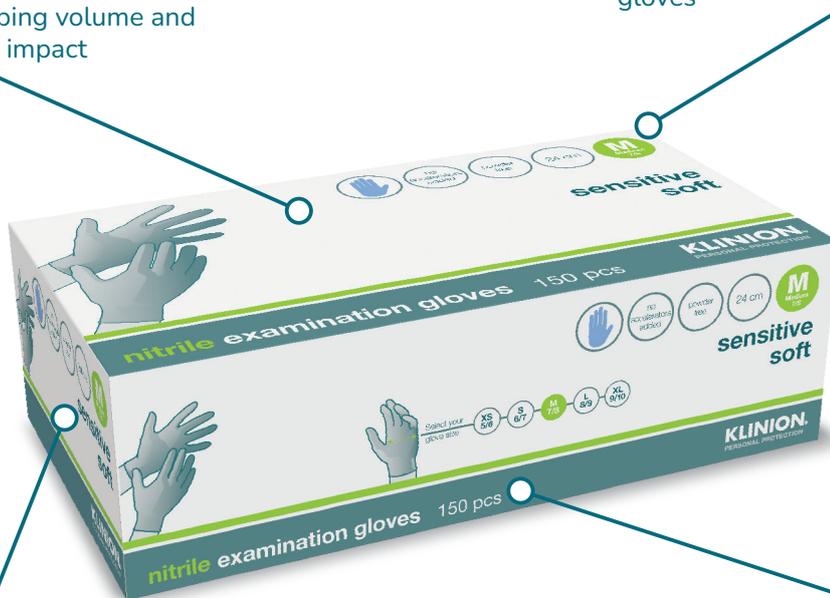
PACKAGING: EFFICIENT AND ECO-CONSCIOUS

OPTIMIZED PACKAGING

- Our gloves have minimal packaging material and no excess air
- Ensuring efficient storage and reduced waste
- Reducing shipping volume and environmental impact

COLOUR-CODED SIZING

- Helps with easier selection of appropriate sizes (high visibility and time-saving)
- Helps reduce waste created by mistakenly choosing the wrong size gloves



RECYCLABLE PACKAGING

- Made of 80 – 100% recycled content
- 100% recyclable

FLEXIBLE PACKAGING SIZES

- Available in 100, 150, and 200-piece packs to suit different usage requirements, ensuring convenience and efficiency
- All designed to fit most standard dispensers for easy access



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EXPLANATION OF SYMBOLS

Symbol explanation

	Catalogue number
	Acceptable quality limit sampling to determine if the product meets the specifications
	Indicates a medical device that is intended for one single use only
	Does not contain natural rubber latex
	Indicates the presence of dry natural rubber latex as material of construction within the medical device or the packaging of a medical device
	Indicates a medical device that needs to be protected from light sources
	Indicates a medical device that needs to be protected from moisture
	Indicates that the material used in the product is considered suitable for food contact
	Indicates the item is a medical device
	Indicates that a product has been assessed by the manufacturer and deemed to meet EU safety, performance and efficacy requirements
	Abbreviation of UK Conformity Assessed is a mark that indicates conformity with the applicable requirements for products sold within Great Britain
	Instructions for use
	Terminology and performance requirements for micro-organisms risks
	Determines which chemicals, solvents and microorganisms a glove is resistant to
	Contains or presence of Type IV allergen
	Manufacturer
	Date of manufacture
	Batch code
	Use-by-date
	Unique Device Identifier



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KLINION® NITRILE GLOVES: SUPERIOR PROTECTION AND COMFORT

Crafted from high-quality synthetic rubber, nitrile gloves are engineered to deliver exceptional strength and chemical resistance, outperforming both latex and vinyl alternatives. Their durability makes them ideal for environments where gloves are exposed to higher stress levels, harsh chemicals, or liquid immersion. Moreover, nitrile gloves are completely free from latex proteins, providing a reliable solution for individuals with latex allergies.

Sensitive gloves: innovative production without accelerators

Our Sensitive gloves are a testament to Klinion’s dedication to innovation and user well-being. These gloves are manufactured using an innovative crosslinking process that replaces the use of chemical accelerators, which are common triggers for allergic reactions. This does not compromise on the protection qualities. A streamlined, optimized formula helps form chemical bonds correctly, reducing the release of excess chemicals during glove manufacturing. As a result, waste treatment is more efficient and kinder to the environment.

LCA (Life Cycle Assessment)

Measuring and minimizing impact by understanding the environmental impact of our product. The LCA methodology allows us to assess the total environmental impact of a selection of our Klinion® examination gloves from raw material extraction through production, distribution, use, and disposal. By evaluating the life cycle of our gloves, we gain critical insights that drive our sustainability efforts and enable us to innovate in ways that reduce our carbon footprint.



Nitrile options

Standard	<p>Ultra Comfort White & Blue powder-free nitrile</p> <p>Experience protection and flexibility with Klinion Ultra Comfort Nitrile Gloves – powder-free, durable, chemo-tested and designed for ultimate comfort. Available in white and blue colour.</p>
Skin-friendly (accelerator-free)	<p>Sensitive Soft Skyblue powder-free nitrile</p> <p>Designed for enhanced skin safety, great comfort and protection: Klinion Sensitive Soft Nitrile Gloves – powder-free and chemo-tested. Accelerator-free helps to reduce the risk from Type I and Type IV hypersensitivity.</p> <p>Sensitive Indigo powder-free nitrile</p> <p>A revolutionary new generation nitrile featuring comfort and great barrier protection. Klinion Sensitive Nitrile Gloves – powder-free and chemo-tested. Accelerator-free helps to reduce the risk from Type I and Type IV hypersensitivity. LCA calculations have been performed for these gloves.</p> <p>Sensitive Long Indigo powder-free nitrile</p> <p>Extended cuffs for extra protection featuring comfort and great barrier protection. Klinion Sensitive long Nitrile Gloves – powder-free and chemo-tested. Accelerator-free helps to reduce the risk from Type I and Type IV hypersensitivity. LCA calculations have been performed for these gloves.</p>
Heavy duty	<p>Ultra Safe Blue powder-free nitrile</p> <p>A new generation of thicker nitrile ensuring strength for demanding tasks, combining durability with comfort and enhanced barrier protection. Klinion Ultra Safe Gloves – powder-free and chemo-tested. Accelerator-free helps to reduce the risk from Type I and Type IV hypersensitivity.</p>



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BRAND NAME	ULTRA COMFORT	ULTRA SAFE	SENSITIVE SOFT	SENSITIVE	SENSITIVE LONG
KEY GLOVE FEATURES					
	Best Klinion ergonomic choice	Accelerator-free material minimises risk of contact allergies			
	Soft & comfortable	Enhanced barrier protection	Excellent touch and feel	Protects against chemicals and viruses	With extended cuff for extra protection
	Good sensitivity tactile sense	Protects against chemicals and viruses	Protects against chemicals and viruses	Indigo color for easy recognition	Indigo color for easy recognition
	Ambidextrous	Ambidextrous	Ambidextrous	Ambidextrous	Ambidextrous
BASIC INFORMATION					
Material	NBR*	NBR*	NBR*	NBR*	NBR*
Colour	white & blue	blue	skyblue	indigo	indigo
Exterior	finger textured	finger textured	finger textured	finger textured	finger textured
Inside treatment	powder free	powder free	powder free	powder free	powder free
Length as per EN455-2	median ≥ 240mm	median ≥ 240mm	median ≥ 240mm	median ≥ 240mm	median ≥ 295mm
Wall thickness					
Cuff	0.07 +/- 0.03	0.07 +/- 0.01	0.07 +/- 0.03	0.06 +/- 0.01	0.06 +/- 0.01
Palm	0.08 +/- 0.03	0.09 +/- 0.01	0.08 +/- 0.03	0.08 +/- 0.02	0.07 +/- 0.01
Finger	0.09 +/- 0.03	0.14 +/- 0.03	0.10 +/- 0.03	0.12 +/- 0.04	0.11 +/- 0.03
Shelf life	5 years	3 years	5 years	5 years	5 years
Latex-free	yes	yes	yes	yes	yes
Accelerator-free	no	yes	yes	yes	yes
LABELING					
as set out in MD Regulation (EU) 2017/745	Class I	Class I	Class I	Class I	Class I
as set out in PPE Regulation (EU) 2016/425	Class III	Class III	Class III	Class III	Class III
EN455 1-4	✓	✓	✓	✓	✓
EN ISO 21420	✓	✓	✓	✓	✓
EN ISO 374	✓	✓	✓	✓	✓
AQL for pinholes as per EN455-1	1.5	1.5	1.5	1.5	1.5
Food contact reg. VO(EG)1935/2004	✓	✓	✓	✓	✓
TENSILE STRENGTH AND ELONGATION					
UNAGED minimum / typical					
Tensile strength (Mpa)	14 / 26-33	18 / 30-34	18	18 / 28-32	18 / 24-28
Elongation at break (%)	500 / 500-554	500 / 520-560	500	500 / 520-560	500 / 520-560
Force at break (N)	6.0 / 6.0-7.3	6.0 / 7.5-8.5	6.0	6.0 / 7-8	6.0 / 6-7
AGED minimum / typical					
Tensile strength (Mpa)	14 / 29-42	14 / 31-35	14	14 / 29-33	18 / 24-28
Elongation at break (%)	400 / 460-509	400 / 500-540	400	400 / 520-560	500 / 520-560
Force at break (N)	6.0 / 6.0-7.4	6.0 / 8-9	6.0	6.0 / 7.5-8.5	6.0 / 6.5-7.5

*NBR: nitrile butadiene rubber



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KLINION® VINYL GLOVES: AFFORDABLE VERSATILITY

Vinyl gloves, made from synthetic PVC material, provide a cost-effective and versatile solution for a wide range of general applications. These gloves are an excellent choice for tasks that require protection from contamination and minimal chemical exposure, such as food handling, cleaning, or low-risk medical environments. Designed for comfort and ease of use, vinyl gloves offer a dependable option when flexibility and affordability are key considerations.

Phthalate-free formulation: prioritizing your health and well-being

At Klinion®, we are committed to producing gloves that safeguard not only the user but also the environment. Our vinyl gloves are crafted with a phthalate-free formula, eliminating harmful plasticizers commonly used in conventional vinyl gloves. Phthalates, often used to make plastics more flexible, have raised health concerns due to their potential to disrupt the human endocrine system. By choosing a phthalate-free composition, we ensure that our gloves are safer for everyone - reducing the risk of adverse health effects and offering a more responsible product for sensitive tasks, such as food preparation. By prioritizing phthalate-free production, we help minimize potential environmental contamination and contribute to safer ecosystems.



Vinyl options

Skin-friendly	Phthalate free powder-free vinyl
	Designed for improved skin safety and superior comfort: Klinion Phthalate free Vinyl Gloves – phthalate-free, latex-free, and dermatologically tested.
	Phthalate free Long powder-free vinyl
	Extended cuffs for extra protection, featuring improved skin safety and superior comfort: Klinion Phthalate free Vinyl Gloves – phthalate-free, latex-free, and dermatologically tested.

KLINION® LATEX GLOVES: NATURAL COMFORT

Latex gloves are renowned for their superior elasticity, fit, and tactile sensitivity, making them an ideal choice for precision tasks. Derived from natural rubber, latex gloves offer outstanding protection and a snug, comfortable fit that enhances the user's ability to perform delicate work with ease and accuracy. Their exceptional barrier properties make them highly effective against bacteria and viruses, providing reliable defense in a variety of healthcare and professional environments.

Polymercoated latex gloves:

Polymer-coated latex gloves feature a smooth, synthetic layer on the inside, making them easier to put on and take off. This coating reduces friction, minimizes skin irritation, and enhances comfort during extended use. Additionally, it acts as a barrier between the latex and the skin, lowering the risk of allergic reactions. Ideal for medical professionals, these gloves provide a reliable combination of protection, durability and ease of use.



Latex options

Standard	Polymercoated powder-free latex
	Experience protection and flexibility with Klinion Polymer Coated Latex Gloves – powder-free, durable, easy to don, and designed for exceptional comfort.



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BRAND NAME	VINYL PHTHALATE-FREE	VINYL PHTHALATE-FREE LONG	LATEX POLYMERCOATED
KEY GLOVE FEATURES			
	Soft & comfortable	Soft & comfortable	Enhanced donning & removal
	Free of DEHP, DINP or other phthalates	With extended cuff for extra protection	Powder-free to reduce hypersensitivity
	Good sensitivity tactile sense	Good sensitivity tactile sense	Good sensitivity and tactile sense
	Ambidextrous	Ambidextrous	Ambidextrous
BASIC INFORMATION			
Material	synthetic polyvinyl chloride	synthetic polyvinyl chloride	natural rubber latex
Colour	clear	clear	ivory
Exterior	smooth surface, beaded cuff	smooth surface, beaded cuff	full textured
Inside treatment	powder free	powder free	powder free
Length as per EN455-2	median \geq 240mm	median \geq 280mm	median \geq 240mm
Wall thickness			
Cuff	0.07 +/- 0.03	0.06 +/- 0.03	0.10 +/- 0.02
Palm	0.09 +/- 0.03	0.08 +/- 0.03	0.11 +/- 0.01
Finger	0.09 +/- 0.03	0.09 +/- 0.03	0.14 +/- 0.02
Shelf life	5 years	3 years	3 years
Latex-free	yes	yes	no
Phthalate-free	yes	yes	yes
LABELING			
as set out in MD Regulation (EU) 2017/745	Class I	Class I	Class I
as set out in PPE Regulation (EU) 2016/425	Class III	Class III	Class I
EN455 1-4	✓	✓	✓
EN ISO 21420	✓	✓	✓
EN ISO 374	✓	✓	✓
AQL for pinholes as per EN455-1	1.5	1.5	1.5
Food contact reg. VO(EG)1935/2004	✓	✓	✓
TENSILE STRENGTH AND ELONGATION			
UNAGED minimum / typical			
Tensile strength (Mpa)	11	11	18
Elongation at break (%)	300	300	650
Force at break (N)	3.6	3.6	6
AGED minimum / typical			
Tensile strength (Mpa)	11	11	14
Elongation at break (%)	300	300	500
Force at break (N)	3.6	3.6	6

