

# Technical Data Sheet

## MEDI-INN CLASSIC Latex White Grip



**Product description** Examination and protective gloves made of natural latex, non-sterile, powder-free, for single use.

**Regulatory information** Class I medical device according to Regulation (EU) 2017/745.

Category III personal protective equipment according to Regulation (EU) 2016/425.

Suitable for contact with foodstuffs according to Regulation (EC) 1935/2004. Tested according to German Food and Feed Code (LFGB) and BfR Recommendation XXI for short-term contact with foodstuffs.

## Product data

### Product specifications

Reference number	N10103-XS	N10103-S	N10103-M	N10103-L	N10103-XL
Size	XS	S	M	L	XL
Length in mm	≥ 240	≥ 240	≥ 240	≥ 240	≥ 240
Width in mm	≤ 80	80 ± 10	95 ± 10	110 ± 10	≥ 110
Wall thickness (single walled) in mm	Finger		0,12		
	Palm		0,11		
	Cuff		0,09		

### Product design

Material	Natural latex (NR)
Latex protein content	≤ 50 µg/g
Accelerator	Zn-dithiocarbamate Free of thiurames and mercaptobenzothiazole
Latex allergy risk	This product contains natural rubber latex, which may cause allergic reactions including anaphylactic reactions. The accelerator used, as well as other components and auxiliaries used in production, may cause allergic reactions in case of hypersensitivity.

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Colour	Natural
Shape	Ambidextrous
Cuff	Cuff with rolled rim
Outer surface	Textured
Inner surface	Polymer coated
Shelf life	5 years

### Physical properties

	Before ageing	After ageing
Force at break	≥ 6 N	≥ 6 N
Tensile strength	≥ 18 MPa	≥ 14 MPa
Elongation	≥ 650 %	≥ 500 %
AQL	1,5	
Chemical resistance	Type B (KST)	

### Logistic information

Quantity in single package	100 pcs
Single packing per carton	10 pcs
Type of single packing	Dispenser box
Single packaging dimensions (L x W x H)	21,5 x 12,0 x 7,0 cm
Carton dimensions (L x W x H)	36,0 x 24,5 x 22,5 cm
Storage conditions	Store properly between 10 °C and 30 °C. Protect from heat, humidity, bright light and ozone.

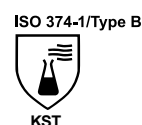
### Applied standards

EN 455 (part 1-4), ISO 11193-1, EN ISO 21420:2020  
 EN ISO 374-1:2016+A1:2018, EN 16523-1:2015+A1:2018  
 EN ISO 374-2:2019, EN ISO 374-4:2019, EN ISO 374-5:2016  
 ASTM F1671

### Labeling



CE 2777



### Quality certificates

Our company is certified according to the standard EN ISO 13485:2016

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## Annex I

### Recommendation for chemical resistance

The chemical resistance was tested according to EN 374-3 and EN 16523-1. In particular, the breakthrough time due to penetration and permeation must be considered.

Breakthrough time	Recommended for splash protection only*	> 10 min.	> 30 min.	> 60 min.	> 120 min.	> 240 min.	> 480 min.
Performance level	A	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6

\*In case of discolouration or other changes of the glove, replace the glove immediately.

No.	Chemical	CAS-No.	Breakthrough time	Performance level
1	40 % Sodium hydroxide (K)	1310-73-2	> 480 min.	Level 6
2	40 % Hydrofluoric acid (S)	7664-39-3	> 60 min.	Level 3
3	30 % Hydrogen peroxide	7722-84-1	> 10 min.	Level 1
4	37 % Formaldehyde (T)	50-00-0	> 60 min.	Level 3
5	65 % Nitric acid	7697-37-2	> 10 min.	Level 1
6	96 % Sulphuric acid	7664-93-9	> 10 min.	Level 1
7	25 % Ammonium hydroxide	1336-21-6	> 30 min.	Level 2
8	99 % Acetic acid	64-19-7	7 min.	A
9	37 % Hydrochloric acid	7647-01-0	> 30 min.	Level 2
10	10 % Sodium hypochlorite	7681-52-9	> 30 min.	Level 2
11	Methanol	67-56-1	< 1 min.	A
12	Acetone	67-64-1	< 1 min.	A
13	Acetonitrile	75-05-8	< 1 min.	A
14	Dichloromethane	75-09-2	< 1 min.	A
15	Toluene	108-88-3	< 1 min.	A
16	Tetrahydrofuran	109-99-9	< 1 min.	A
17	Ethyl acetate	141-78-6	< 1 min.	A
18	n-Heptane	142-82-5	< 1 min.	A

#### Important information:

The protective performance of the referred glove is dependent on the conditions of use and the concentration of the chemicals. The chemical resistance was tested under laboratory conditions and does not reflect the actual duration of protection within the working environment, as only cutouts from the glove's palm were used for the test. If you are working with substances that are harmful to the skin, please inspect the glove for any perforations or tears before use. In general, recommendations can only be considered as general guidance and do not relieve the user of the obligation to ensure that the glove meets their current protection requirements before use. The recommendations on resistance are not part of the product specification.

Disregarding this information, especially with regard to resistance, as well as non-compliance with the recommended frequency of use and compatibility, may result in damage to the glove and possible injury to the user.

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