

PRODUCT INFORMATION

Latex-Protective Gloves DermaGrip-D

Protective gloves for chemicals, cytostatics and biological agents

Application range and properties

- + Maximum protection and comfortable to wear: Type-tested and certificated as complex PPE ¹⁾ of the highest category III in accordance to EN 420 and as surgical glove to EN455; powder free; good grip; anatomical shape; textured, AQL²⁾ = 1,5 (Water test)
- + Application range: Protection against chemical dangers, CMR-medical drugs, biological agents and viruses.
- + Protective properties: For handling the substances listed (see permeation table) and biological agents. Protection from all CMR pharmaceuticals and chemicals cannot be guaranteed!
- + Glove replacement interval: Recommendation for cytostatics for Germany, in accordance with M 620, BGW and DGOP: Change every 30 minutes. In other countries in accordance with the test sheet. For biological substances after every work cycle. Immediately in case of visible contamination. Single use!
- + Protective glove material: Latex, low-allergenic, protein content 12 µg/dm².
- + Before use: Check for damage! Do not use damaged gloves!
- + Disposal: Waste in need of supervision or need of special supervision, e.g.:
European waste code (EWC) for cytostatic highly contaminated waste: 18 01 08* as per 2000/532/EC
Waste code for infective agents highly contaminated waste: 18 01 03* as per 2000/532/EC

¹⁾ Personal Protective Equipment as per 89/6896/EEC

²⁾ Acceptable Quality Level

Versions

Size	XS or 6	S or 6½	SM or 7	M or 7½	ML or 8	L or 8½	XL or 9
Order-No.	100007	100008	100009	100010	100011	100012	100013

Packaging: Dispenser box with 25 pairs; 6 pairs per outer packaging

Dexterity

Tested in accordance to EN 420

Performance level	Level 5 (highest level)	5 mm ¹⁾
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¹⁾ Smallest diameter of the pin, to meet the test conditions

The following allergens are not present

Substance	Measured value [µg/g] ¹⁾	
Thiurame:	Tetramethyl thiuramdisulfid (TMTD)	n. d.
	Mercaptobenzothiazol (MBT)	n. d.
	Zinkmercaptobenzothiazol (ZMBT)	n. d.
	Zinkmercaptobenzimidazol (ZMBI)	n. d.
	Tetramethyl thiuramdisulfid (TMTD)	n. d.
Dithiocarbamate:	Zinkdibutyldithiocarbamat (ZDBC)	n. d.
	Zinkdityldithiocarbamat (ZDEC)	n. d.

	Zinkpentamethylenedithiocarbamat (ZPMC)	n. d.
p-Phenylendiamin Derivate:	Diphenylthiourea (DPT)	n. d.
	Diphenylguanidine (DEP)	n. d.
Sonstige:	Butylhydroxytoluen (BHT)	n. d.
	Butylhydroxyanisol (BHA)	n. d.

¹⁾ n.d.: Not detectable, i.e. the allergen was not detected or the measured value was below the determined threshold value

Material

Natural rubber (Latex)

Colour	Vanilla
Low in Protein	≥ 50 µg/g
Powderfree	≥ 2 mg/Glove

Material strengths

Measuring points	Material strengths (measured twice)
Finger, 15 mm from the end of the tip	≥ 0,52 mm ± 0.02
Hand inner surface in the middle	≥ 0,44 mm ± 0.02
Shaft, 25 mm from the end of shaft	≥ 0,34 mm ± 0.02
Glove lengths to EN 420	290 mm

Protection from chemical hazards

Permeation¹⁾ tested for numerous chemicals in accordance with DIN EN 374 Part 3 (12/03).

Full protection glove (with symbol: Erlenmeyer flask) - GLK = Diethylamine, 96% sulphuric acid, 40% sodium hydroxide. Breakthrough times²⁾ [min] / performance classes³⁾ (1-6) were established for the following chemicals:

Chemical	Breakthrough time [min]	Performance class
Sodium Hydroxide 40% (K)	> 480 min	6
Hydrogen Peroxide 30% (P)	361 min	5
Formaldehyde 37% (T)	> 480 min	6
Cyclophosphamide (500 mg/25 ml)	65 min	3
Fluorouracil (1,5 mg/ml)	75 min	3
Methotrexate (1 mg/ml)	75 min	3

1): Movement of a chemical through a material on a molecular level

2): At a permeation rate of 1 µg/min·cm 3): The performance class does not reflect the actual duration of protection at the workstation!

Penetration

Penetration according to EN 374-2:2014 fulfilled.

Protection against viruses, bacteria and fungi

Test passed according to EN 374-5:2016.

Additional requirements for medical gloves for single use

In accordance of the EU directive 93/42/EWG (CE class 1): EN 455:2000 – Part 1, 2 ,3 ,4

Additional test according to ASTM D 6319

Standard Specification for Nitrile Examination Gloves for Medical Applications

Storage and transport conditions

Dark (protect from direct UV light and sunlight)

Cool (+5 to +40°C) and dry

Away from equipment or installations that can produce ozone (e.g. through mercury vapour lamps, high voltage equipment, etc.)

Avoid direct contact with metals, such as copper, magnesium and iron

Avoid contact with oil-based antiseptic phenols and their derivatives, fats, petrolatum, petroleum, paraffin or other similar compounds

No contact with pointed and/or sharp objects

Shelf life

3 years from the date of manufacture

Notified body BSI 2797

BSI Group The Netherlands B.V., John M. Keynesplein 0, 1066 EP Amsterdam, The Netherlands

CE-Marking

CE-marking in accordance to PPE-directive 89/686/EEC for complex PPE of category III.

Type-test No. CE579719 based on DIN 374 Parts 1-3, EN 388, EN 420

Additionally tested as surgical gloves to EN 455 parts 1-3 in accordance with the directive 93/42/EEC (CE class IIa).

Manufacturer / Distributor

WRP Asia Pacific SDN BHD, Lot 1, Jalan 3; Kawasan Perusahaan, Bandar Baru Salak Tinggi; Sepang, Selangor Darul Ehsan, Selang 43900; Malaysia

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