

Data sheet

1 General Description

1.1	Material	:	Natural Latex
1.2	Colour	:	blue
1.3	Design and Features	:	ambidextrous, powder free, rolled cuff edge, textured surface
1.4	Surface treatment	:	chlorinated

2 Article-Numbers

Size	REF	EAN
S	01 286	40 12677 01286 2
M	01 287	40 12677 01287 9
L	01 288	40 12677 01288 6
XL	01 289	40 12677 01289 3
XXL	01 290	40 12677 01290 9

3 Packing

50 pieces per dispenser
10 dispenser per outer carton

4 Physical Dimension

Particular	Size	Specification
Lenght (mm) min.	S-XXL	≥ 290
Width at palm (mm) min.	S	85 ± 5
	M	95 ± 5
	L	105 ± 5
	XL	≥ 110
	XXL	≥ 115
Thickness at cuff (mm) min.	S-XXL	0.18 ± 0.02
Thickness at palm (mm) min.	S-XXL	0.30 ± 0.02
Thickness at finger tip (mm) min.	S-XXL	0.36 ± 0.02

5 Standards

PPE Cat III to VO (EU)2016/425, EN ISO 21420:2020, EN ISO 374-1:2016/Type B + A1:2018, EN ISO 374-2:2019, EN ISO 374-4:2019, EN ISO 374-5:2016, MD Class I to MDR (EU) 2017/745



General requirments for disposable medical gloves (according to EN 455) Medical Product Cl. I

6 Marking

CE, CE 2777, EN 455, AQL 1,5, 

EN ISO 374-1:2016/TypeB



EN ISO 374-5:2016



Suitable for use with stuff items



EN ISO 21420:2020

Instructions / information brochure available

Cat III

Sänger Chemoflex - 29 cm

Disposable Examination Gloves, non-sterile

7 Chemicals

Protection against Chemical hazards: Permeation

Chemical	Code Letter	Category	Protection Index
Sodium hydroxide 40%	K	Inorganic base	6
Sulphuric acid 96%	L	Inorganic acid	1
Hydroxin peroxide 30%	P	peroxide	5
Formaldehyde 37%	T	aldehyde	6

8 Physical Properties

Property	Before Aging	After Aging
Elongation at break (%)	700	500
Tensile strength (Mpa)	16	14
Force at break (N)	18,48	16,18

9 Protein level

≤ 50 µg/g

10 Powder content

≤ 2 mg / glove

11 Ingredients

- Latex

12 Storage conditions



Keep dry



Protect against direct sun light

Sänger GmbH excludes any responsibility or liability claim for any misuse of this product other than its intended use. Injuries and damage to property can be a result of any misuse or ignorance of the information contained in this product data sheet in regard to application, tolerance and resistance of this disposable product. Multiple use or any multiple treatment of this disposable product in combination with disinfectants can cause changes in material and/or increase the risk of infection. This information sheet represents the latest update. Mistakes, printing errors or technical changes are reserved.

In case of questions please contact: info@sanger.de

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Sänger Chemoflex - 29 cm

Disposable Examination Gloves, non-sterile

Testing according to ASTM D6978-05 (2023)

1 Tested cytostatics

Carboplatin, 10 mg/ml (10.000 ppm)
Carmustine, 3,3 mg/dl (3.300 ppm)
Cisplatin, 1 mg/ml (1.000 ppm)
Cyclophosphamide 20 mg/ml (20.000 ppm)
Doxorubicin HCl, 2 mg/ml (2.000 ppm)
Etoposide, 20 mg/ml (20.000 ppm)
Fluorouacil, 50 mg/ml (50.000 ppm)
Gemcitabine HCl, 38 mg/ml (38.000 ppm)
Methotrexate, 25 mg/ml (25.000 ppm)
Mitoxantrone HCl (2mg/ml (2.000 ppm)
Paclitaxel, 6 mg/ml (6.000 ppm)
Thiotepa, 10 mg/ml (10.000 ppm)
Vincristine Sulfate, 1 mg/ml (1.000 ppm)

2 Results of the permeation test

Tested drug	Minimum breakthrough time in minutes	Average constant penetration rate $\mu\text{g}/\text{cm}^2/\text{min.}$
Carboplatin, 10 mg/ml 10.000 ppm	>240 Min.	n. a.
Carmustine, 3,3 mg/dl 3.300 ppm	14. Apr	0.2
Cisplatin, 1 mg/ml 1.000 ppm	>240 Min.	n. a.
Cyclophosphamide, 20 mg/ml 20.000 ppm	>240 Min.	n. a.
Doxorubicin HCl, 2 mg/ml 2.000 ppm	>240 Min.	n. a.
Etoposide, 20 mg/ml 20.000 ppm	>240 Min.	n. a.
Fluorouacil, 50 mg/ml 50.000 ppm	>240 Min.	n. a.
Gemcitabine HCl, 38 mg/ml 38.000 ppm	>240 Min.	n. a.
Methotrexate, 25 mg/ml 25.000 ppm	>240 Min.	n. a.
Mitoxantrone HCl, 2mg/ml 2.000 ppm	>240 Min.	n. a.
Paclitaxel, 6 mg/ml 6.000 ppm	>240 Min.	n. a.
Thiotepa, 10 mg/ml 10.000 ppm	23.0	0.9
Vincristine Sulfate, 1 mg/ml 1.000 ppm	>240 Min.	n. a.

3 Testing laboratory

ARDL Akron Rubber Dev. Laboratory Inc., Akron, Ohio 44305 USA

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