CAREL LURVINK

CALUGLOVES®

Instructions of use;
919- CaluGloves® Orange heavy duty nitrile disposable gloves

Sizes: M, L, XL, 2XL. The EU declaration of conformity (personal protective equipment) and the most recent version of the user manual can be downloaded from: www.carellurvink.nl (search for "919").

A. Use:
These gloves are manufactured with the utmost care and meant to protect the hands. They are liquid-tight and can therefore be used as protection against risks of a microbiological nature, they also offer (limited) protection against chemicals (detailed information is provided later in this manual). They comply with Regulation (EU) 2016/425 and are marked accordingly. CLL B.V. is not liable in the event of improper use of the product. Assess the residual risks present to determine whether the gloves are suitable for their use.
These gloves are suitable for contact with food, consult the EU declaration of conformity (purpose of use food contact) for additional information and possible restrictions.

B. User instructions and precautions:
1. Read carefully all information in this document, on the packaging and the declaration of conformity (see website).
2. Always check the gloves for imperfections before use. If the glove shows cracks or holes before or during use, discard them immediately.
   In case of doubt; discard them and put on new gloves.
3. Never wear gloves that are dirty on the inside or in combination with dirty hands, this causes irritation and can cause skin rashes.
4. Only wear gloves on clean and dry hands.
5. These gloves are designed for single use, you should replace them regularly but at least once every two hours.
6. Putting gloves on, and taking them off in a proper way is a skill that needs to be practiced by the users of the gloves.
7. Putting on gloves should be done correctly to avoid contamination with polluted matter, hazardous substances or microorganisms.
8. When taking off the gloves, make sure that the outside of the gloves does not come into contact with your skin (the outside of the glove may be contaminated with hazardous substances such as chemicals or microorganisms.
9. Make sure that the gloves do not come loose (under tension) when taking them of, as this could splash hazardous substances or microorganisms into your eyes or mouth, or onto your skin, other people or nearby surfaces.
10. These gloves are designed for single use, reuse (after cleaning) is not allowed.
11. When using gloves while working with chemicals;
    a) Ensure that the gloves are resistant to the chemical they may come into contact with. Please refer to the chemical pictogram and detailed information on the packaging or instructions for use. This information may change based on evolving insights, the instructions for use document which is published on www.carellurvink.nl is always the most recent version.
    b) In all other cases, protection against chemicals is limited to protection against splashes or very short contact with chemicals.
    c) In case of contamination (also during use as described under "b"); take off the gloves as quickly as possible as described under "8" and "9".
    d) Make sure that no chemicals can enter through the wrist.
12. DO NOT use these gloves as protection against mechanical hazards, heat, cold or against ionizing radiation.
13. Do not use if there is a risk of entanglement with moving machines or moving machine parts.

C. Composition / allergies:
Some gloves may contain substances that can cause allergies to people who are particularly susceptible to this, resulting in irritations and / or contact allergic reactions.
If suspecting allergy; contact your doctor or dermatologist. Please be aware; this product may contain (traces of) natural rubber / latex which can cause allergic reactions; consult the technical department of CLL B.V. if you require more information.

D. Transport, storage, shelflife and service life:

1. Transport and store in original packaging in a cool and dry place, avoid exposure to excessive heat (>40°C) and / or moisture.
2. Keep away from sources of ozone, heat and open flames.
3. Open box should be shielded for exposure to direct sun or fluorescent lighting.
4. Do not use these gloves after the expiry date (see the reverse of the package.

E. Disposal (waste):.
During use, the gloves can become contaminated with contaminants or other hazardous materials. Reuse (after cleaning) is not possible.
Respect the local regulations during storage and processing of disposed gloves.

F. Guarantee and warranty limitation:
CLL B.V. guarantees the conformity of this product with the technical standard data of CLL B.V. on the date of delivery to the customers. Except insofar as prohibited by law, the present warranty is delivered to replace any other warranty, including any warranties for suitability for a particular use; the responsibility of CLL B.V. is limited to reimbursing the costs price of the product in question. The buyers and users of the product accept these warranty conditions, which cannot be changed by any other agreement, both orally and in writing.

G. Markings and performance of these gloves:

CE

Reg EU 2016/425 (PPE):
Personal Protection Equipment
Category 3 (CE III)

The EU type-examination certificate is issued by:
Regular inspection (Reg EU 2016/425, module C2) is carried out by:
See packaging and declaration of conformity.

The **dimensions** do not meet the minimum length requirements according to EN ISO 21420:2020 to increase comfort for special purposes (eg fine assembly work). Only wear the gloves in a suitable size. Gloves that are too loose or too tight restrict movement and do not provide the optimum level of protection.
The **fingertip sensitivity** has been tested according to EN ISO 21420:2020 (**level 5**)

EN ISO 374-5:2016

VIRUS

EN ISO 374-5:2016
Protection against microbiological risks (including virus).
These gloves are in accordance with standard EN 374-2:2014.
Protection against viruses has been proven by testing in accordance with ISO 16604:2004

EN ISO 374-1:2016+A1:2018
Type B

JKPT

EN ISO 374-1:2016+A1:2018
Protection against certain chemicals:
This standard is based on three testmethods
- penetration test (water- and air leaks), standard EN 374-2:2014 (result: compliant)
- permeation test, standard EN 16523-1:2015
- degradation test, standard EN 374-4:2013

The permeation- and degradation tests of these gloves have been performed with the following chemicals:
The information below is the most current and replaces all previously provided information (dispenser box older versions of instructions for use).

Chemical substance:	**Result permeation test:** (breaktrough time in min.)	**Result degradation test:**
J: n-heptane (CAS: 142-82-5)	**> 480 min. (level 6)**	**13,8 %**
K: 40% sodium hydroxide (CAS: 1310-73-2)	**> 480 min. (level 6)**	**4,0 %**
P: 30% hydrogen peroxide (CAS: 7722-84-1)	**> 120 min. (level 4)**	**20,6 %**
T: 37% formaldehyde (CAS: 50-00-0)	**> 240 min. (level 5)**	**14,3 %**

Points for attention regarding the results of the permeation and degradation tests:
- The information above does not represent the actual duration of protection against chemicals in the working environment.
- The resistance to these chemicals has been tested under laboratory conditions on samples obtained from the palm of the glove.
- The test results relate only to the chemical tested. The effect of a chemical substance on the glove may be different when the substance is used in a mixture.
- It is recommended to check that the gloves are suitable for the intended use because the conditions at the workplace may differ from the type of test, depending on temperature, wear and degradation.
- During use of the gloves (due to movements, snagging, rubbing, degradation due to contact with the chemical, etc.) the physical (and protective) properties may decrease. This can significantly shorten the actual useful life.

H. Explanation of permeation test:

TYPE A / B / C

ABCDEFGHIJKLMNOPST

The logo shown on the left is used to represent performance against the EN ISO 374-1:2016 standard.
Type of indication::
Type A: ≥ 6 chemical substances score minimum level 2
Type B: ≥ 3 chemical substances score minimum level 2
Type C: ≥ 1 chemical substances score minimum level 1

Breakthrough time definition by the palm of the glove (1µg/cm^2.min):

Permeation level:	1	2	3	4	5	6
Minimal breaktrough time (min.):	10	30	60	120	240	480

The schedule below lists the chemical substances for which the performance tests can been performed according EN ISO 374-1:2016.

Code	Chemische substance	CAS no:	Code	Chemische substance	CAS no:
A	Methanol	67-56-1	J	n-Heptane	142-82-5
B	Acetone	67-64-1	K	Sodium hydroxide, 40%	1310-73-2
C	Acetonenitrile	75-05-8	L	Sulphuric acid, 96%	7664-93-9
D	Dichloromethane	75-09-2	M	Nitric acid, 65%	7697-37-2
E	Carbon disulfide	75-15-0	N	Acetic acid, 99%	64-19-7
F	Toluene	108-88-3	O	Ammonium hydroxide, 25%	1336-21-6
G	Diethylamine	109-89-7	P	Hydrogen peroxide, 30%	7722-84-1
H	Tetrahydrofurane	109-99-9	S	Hydrofluoric acid, 40%	7664-39-3
I	Ethyl acetate	141-78-6	T	Formaldehyde, 37%	50-00-0

I. More information:
Carel Lurvink: quality products for safety and hygiene at work.
For more information, visit www.carellurvink.nl or visit our service center in Enschede (NL).
Do you have questions? Please send an email to our specialists at info@carellurvink.nl or call +31 (0)53-434 4343.

Everyone deserves a clean and safe work environment

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