



CAREL LURVINK

CALUGLOVES®

Instructions of Use;

909x2 CaluGloves® Black Nitrile II disposable gloves. Sizes S, M, L, XL

The EU declaration of conformity (personal protective equipment / food contact) and the most recent version of the user manual can be downloaded from: www.carellurvink.nl (search for "909size2").

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 foodstuffs, see EU declaration of conformity with migration data.
 Attention: replace the gloves at least once every two hours.

B. Precautions for use:
 1. Always check the gloves for errors or 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.
 2. Never wear gloves that are dirty on the inside or in combination with dirty hands, this causes irritation and can cause skin rashes. Only wear gloves on dry and clean hands.
 3. When using the gloves while working with chemicals; - Ensure that the selected gloves are resistant to the chemical. Consult the chemical pictogram on the box and the detailed information later in this manual. - In any other case, they are allowed at most to be used against splashing or very short contact with chemicals. - In case of contamination, wash the gloves immediately with plenty of water before you take them off. - Ensure that no chemicals can penetrate the wrist.
 4. DO NOT use these gloves as protection against mechanical hazards, heat, cold or against ionizing radiation.
 5. These gloves are designed for single use, you must replace them regularly.

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. Storage:
 1. 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 fire.
 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. Explanation of the icons:

| <p>Requirements (category of risks, sizing, marking, labeling, etc.).</p>  <p>CE: Category 3 (CE III)</p> <p>Sizes: The sizes do not meet the minimum length requirements according to EN 420:2003 + A1:2009 to increase comfort for special purposes (eg fine assembly work). Wear the gloves only in a suitable size. Gloves that are too loose or too tight restrict movement and do not provide the optimal level of protection.</p> <p>The fingertip sensitivity is tested according EN420:2003+A1:2009 (level 5)</p> <p>EU-Type examination-certificate is issued by: Periodical product-checks (EG 2016/425, module C2) are done by: Centexbel Belgium (I.D. 0493) Technologiepark 70 B-9052 Gent (Belgium) Tel. +32 9 220 41 51 Fax +32 9 220 49 55 E: gent@centexbel.be</p> | <p>EN ISO 374-1:2016 / Type C</p>  <p>Standard EN ISO 374-1:2016 Protective gloves against chemicals. This standard is based on three testing methods: * penetrationtest in accordance with standard EN 374-2:2014 * permeationtest in accordance with standard EN 16523-1:2015 * degradationtest in accordance with standard EN 374-4:2013</p> <p>The gloves are tested with the following chemicals:</p> <table border="1"> <thead> <tr> <th>Chemical</th> <th>EN 16523-1:2015 (minimal breakthrough-time in min.)</th> <th>EN 374-4:2013 (% degradation)</th> </tr> </thead> <tbody> <tr> <td>K: 40% sodium hydroxide (CAS: 1310-73-2)</td> <td>>480 min. (level 6)</td> <td>-45,3 %</td> </tr> </tbody> </table> <p>Points of attention: - The information above is not a representation of the actual duration of the protection against chemicals in the working environment. - The resistance to certain chemicals has been tested under laboratory conditions on samples obtained from the palm of the glove. The test results only related to the tested chemical. The effect of a chemical on the glove can be different when the substance is used in a mixture. - It is recommended to check whether the gloves are suitable for the intended use because the circumstances in the workplace may differ from the type of test, depending on temperature, degradation, wear and tear. - During use of the gloves (by movements, puncturing, rubbing, breakdown by contact with the chemical, etc) the physical and protective properties will be reduced. This can significantly reduce the realistic period of use.</p> <p>Additional explanation to EN ISO 374-1:2016:</p> <p>TYPE A, B, C</p>  <p>Protective gloves against dangerous chemicals and microorganisms – part 1: terminology and performance requirements for chemical risk ISO 374-1:2016 Definition of breakthrough time through the glove palm (1µg/cm².min)</p> <table border="1"> <thead> <tr> <th>Permeation level</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>Minimum breakthrough times (min)</td> <td>10</td> <td>30</td> <td>60</td> <td>120</td> <td>240</td> <td>480</td> </tr> </tbody> </table> <p>Type A > level 2 for 6 chemicals Type B > level 2 for 3 chemicals Type C > level 1 for 1 chemical</p> | Chemical | EN 16523-1:2015 (minimal breakthrough-time in min.) | EN 374-4:2013 (% degradation) | K: 40% sodium hydroxide (CAS: 1310-73-2) | >480 min. (level 6) | -45,3 % | Permeation level | 1 | 2 | 3 | 4 | 5 | 6 | Minimum breakthrough times (min) | 10 | 30 | 60 | 120 | 240 | 480 | <table border="1"> <thead> <tr> <th>Code</th> <th>Chemical product</th> <th>CAS no:</th> </tr> </thead> <tbody> <tr><td>A</td><td>Methanol</td><td>67-56-1</td></tr> <tr><td>B</td><td>Acetone</td><td>67-64-1</td></tr> <tr><td>C</td><td>Acetonitrile</td><td>75-05-8</td></tr> <tr><td>D</td><td>Dichloromethane</td><td>75-09-2</td></tr> <tr><td>E</td><td>Carbon disulfide</td><td>75-15-0</td></tr> <tr><td>F</td><td>Toluene</td><td>108-88-3</td></tr> <tr><td>G</td><td>Diethylamine</td><td>109-89-7</td></tr> <tr><td>H</td><td>Tetrahydrofuran</td><td>109-99-9</td></tr> <tr><td>I</td><td>Ethyl acetate</td><td>141-78-6</td></tr> <tr><td>J</td><td>n-Heptane</td><td>142-82-5</td></tr> <tr><td>K</td><td>Sodium hydroxide, 40%</td><td>1310-73-2</td></tr> <tr><td>L</td><td>Sulphuric acid, 96%</td><td>7664-93-9</td></tr> <tr><td>M</td><td>Nitric acid, 65%</td><td>7697-37-2</td></tr> <tr><td>N</td><td>Acetic acid, 99%</td><td>64-19-7</td></tr> <tr><td>O</td><td>Ammonium hydroxide, 25%</td><td>1336-21-6</td></tr> <tr><td>P</td><td>Hydrogen peroxide, 30%</td><td>7722-84-1</td></tr> <tr><td>S</td><td>Hydrofluoric acid, 40%</td><td>7664-39-3</td></tr> <tr><td>T</td><td>Formaldehyde, 37%</td><td>50-00-0</td></tr> </tbody> </table> | Code | Chemical product | CAS no: | A | Methanol | 67-56-1 | B | Acetone | 67-64-1 | C | Acetonitrile | 75-05-8 | D | Dichloromethane | 75-09-2 | E | Carbon disulfide | 75-15-0 | F | Toluene | 108-88-3 | G | Diethylamine | 109-89-7 | H | Tetrahydrofuran | 109-99-9 | I | Ethyl acetate | 141-78-6 | J | n-Heptane | 142-82-5 | K | Sodium hydroxide, 40% | 1310-73-2 | L | Sulphuric acid, 96% | 7664-93-9 | M | Nitric acid, 65% | 7697-37-2 | N | Acetic acid, 99% | 64-19-7 | O | Ammonium hydroxide, 25% | 1336-21-6 | P | Hydrogen peroxide, 30% | 7722-84-1 | S | Hydrofluoric acid, 40% | 7664-39-3 | T | Formaldehyde, 37% | 50-00-0 |
|--|--|-------------------------------|---|-------------------------------|--|---------------------|---------|------------------|---|---|---|---|---|---|----------------------------------|----|----|----|-----|-----|-----|--|------|------------------|---------|---|----------|---------|---|---------|---------|---|--------------|---------|---|-----------------|---------|---|------------------|---------|---|---------|----------|---|--------------|----------|---|-----------------|----------|---|---------------|----------|---|-----------|----------|---|-----------------------|-----------|---|---------------------|-----------|---|------------------|-----------|---|------------------|---------|---|-------------------------|-----------|---|------------------------|-----------|---|------------------------|-----------|---|-------------------|---------|
| Chemical | EN 16523-1:2015 (minimal breakthrough-time in min.) | EN 374-4:2013 (% degradation) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K: 40% sodium hydroxide (CAS: 1310-73-2) | >480 min. (level 6) | -45,3 % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permeation level | 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minimum breakthrough times (min) | 10 | 30 | 60 | 120 | 240 | 480 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Chemical product | CAS no: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | Methanol | 67-56-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | Acetone | 67-64-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | Acetonitrile | 75-05-8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | Dichloromethane | 75-09-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | Carbon disulfide | 75-15-0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | Toluene | 108-88-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | Diethylamine | 109-89-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | Tetrahydrofuran | 109-99-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | Ethyl acetate | 141-78-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J | n-Heptane | 142-82-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| K | Sodium hydroxide, 40% | 1310-73-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L | Sulphuric acid, 96% | 7664-93-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M | Nitric acid, 65% | 7697-37-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | Acetic acid, 99% | 64-19-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O | Ammonium hydroxide, 25% | 1336-21-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | Hydrogen peroxide, 30% | 7722-84-1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Hydrofluoric acid, 40% | 7664-39-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | Formaldehyde, 37% | 50-00-0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

H. More information:
 Do you need help to determine which glove is most suitable for your task? Ask our specialists via info@carellurvink.nl or call via **0031 (0)53 - 434 4343**. Are you curious about the other variants of our certified work gloves or our complete range of products? Go to our webshop via www.carellurvink.nl or visit one of our servicecenters in Enschede (NL), Hilversum (NL) or Winschoten (NL).

Everyone deserves a clean & safe environment



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 BIC ABNANL2A

909x2 // vs. 5-8-20