

Instructions for use; 85571 CALUGUARD NITRILE work gloves sizes M(8), L(9), XL(10), XXL(11)

Download the EC declaration of conformity from: www.carellurvink.nl (search for “85571”)

A. Use:

These gloves have been manufactured with the utmost care and designed to protect the hands. They are liquid-tight and can thus be used as protection against risks of microbiological nature, they also offer (limited) protection against chemicals and against risks of mechanical nature (detailed information is provided later in this manual). They comply with the European Regulation EC2016/425. They are conform and marked according to the requirements of the Personal Protection Guidelines and subsequent changes. CLL B.V. is not liable in case of improper use of the product. Assess the residual risks present to determine whether the gloves are suitable for their use. These gloves are NOT suitable for foodcontact.

B. Precautions for use:

1. Always check the gloves for errors or imperfections before use. Shows the glove before or during use a tear or hole, dispose of it immediately. When in doubt always take new gloves.
2. Never wear gloves which are dirty on the inside or in combination with dirty hands, this can cause irritation or skin rash. Only put the gloves on over dry and clean hands.
3. When using the gloves while working with chemicals; - Make sure that you have chosen gloves which are resistant to the chemical product. For this, consult the chemical pictogram on the box and the detailed information later in this manual. - In any other case, they may be used at most against splashing of chemicals or very short contact with them. - In case of contamination, you must wash the gloves immediately with plenty of water before removing them. - Make sure that no chemicals can pass through the wrist intrusion.
4. Do not use these gloves as protection against toothed corners, cutting plates and other sharp parts. For other applications; assure yourself that the performance levels (EN388: 2016) of the glove are sufficient to protect against the dangers in the specific application at your workplace.
5. Do NOT use these gloves as protection against heat, cold or against ionizing radiation.
6. Do not use in situations with risks of entanglement with moving machines or moving machine parts.
7. After use, it is recommended to clean the gloves with a disposable cloth. If you have to use the gloves again later; they must be stored in such a way that the inner liner can easily dry. These gloves are NOT washable.

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 on a cool and dry place.
2. Keep away from sources of ozone, heat and open fire.
3. Gloves without expiration date; to be used within three years after purchase.



E. Disposal (waste):

During usage the gloves can be contaminated with polluting matters or other dangerous elements. Respect the local regulations during disposal and processing



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 cost 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, part 1:

General information and with regards to protection against mechanical risks.

Requirements (category of risks, sizing, marking, labeling, etc.).




CE:
category 3 (CE III)

Sizes:
Size 8 (M) 290 mm
Size 9 (L) 310 mm
Size 10 (XL) 320 mm
Size 11 (XXL) 330 mm

The **fingertip sensitivity** is tested according EN420:2003+A1:2009 (niveau 5)



EU-Type examination-certificate is issued by:
Periodical product-checks (EC2016/425, module C2) 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

EN388:2016						
						
A.B.C.D.E.F						
(performance parameters)						
Display and meaning performance level	1	2	3	4	5	
A Abrasion resistance (cycles)	100	500	2000	8000	-	
B Blade cut resistance (coupe test / index)	1.2	2.5	5.0	10.0	20.0	
C Tear resistance (Newton)	10	25	50	75	-	
D Puncture resistance (Newton)	20	60	100	150	-	
E EN ISO Cut-resistance (Newton)	A (2)	B (5)	C (10)	D (15)	E (22)	F (30)
F EN Impact protection	P (pass) or F (fail)					
<i>Level "X" can also apply for parameter "A" till "F" which means "not tested" or "not applicable". Parameter "F" does not have to be mentioned if not tested.</i>						



G. Explanation of the icons, part 2:

With regards to protection against microbiological and chemical risks.

EN ISO 374-5:2016	Standard EN ISO 374-5:2016																																																											
	Protective gloves against micro-organisms.																																																											
VIRUS	The glove is in accordance with standard EN 374-2:2014.																																																											
	The protection against viruses has been tested in accordance with ISO 16604:2004.																																																											
EN ISO 374-1:2016 / Type B	Standard EN ISO 374-1:2016																																																											
	Protective gloves against chemicals.																																																											
JKL	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																																																											
	The gloves are tested with the following chemicals:																																																											
<table border="1"> <thead> <tr> <th>Chemical</th> <th>EN 16523-1:2015 (minimal breakthrough-time in minutes)</th> <th>EN 374-4:2013 (% degradation)</th> </tr> </thead> <tbody> <tr> <td>J: n-heptane (CAS: 142-82-5)</td> <td>>240 min. (level 5)</td> <td>14,5 %</td> </tr> <tr> <td>K: 40% sodium hydroxide (CAS: 1310-73-2)</td> <td>>480 min. (level 6)</td> <td>1,9 %</td> </tr> <tr> <td>L: 96% sulfuric acid (CAS: 7664-93-9)</td> <td>57 min. (level 2)</td> <td>69,7 %</td> </tr> </tbody> </table>	Chemical	EN 16523-1:2015 (minimal breakthrough-time in minutes)	EN 374-4:2013 (% degradation)	J: n-heptane (CAS: 142-82-5)	>240 min. (level 5)	14,5 %	K: 40% sodium hydroxide (CAS: 1310-73-2)	>480 min. (level 6)	1,9 %	L: 96% sulfuric acid (CAS: 7664-93-9)	57 min. (level 2)	69,7 %																																																
Chemical	EN 16523-1:2015 (minimal breakthrough-time in minutes)	EN 374-4:2013 (% degradation)																																																										
J: n-heptane (CAS: 142-82-5)	>240 min. (level 5)	14,5 %																																																										
K: 40% sodium hydroxide (CAS: 1310-73-2)	>480 min. (level 6)	1,9 %																																																										
L: 96% sulfuric acid (CAS: 7664-93-9)	57 min. (level 2)	69,7 %																																																										
Points of attention:																																																												
<ul style="list-style-type: none"> - 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. 																																																												
Additional explanation to EN ISO 374-1:2016:																																																												
TYPE A, B, C Protective gloves against dangerous chemicals and microorganisms – part 1: terminology and performance requirements for chemical risk ISO 374-1:2016	<table border="1"> <thead> <tr> <th>Code</th> <th>Chemical product)</th> <th>CAS nr:</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>Tetrahydrofurane</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 nr:	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	Tetrahydrofurane	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
Code	Chemical product)	CAS nr:																																																										
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	Tetrahydrofurane	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																																																										
ABCDEF GHI Definition of breakthrough time through the glove palm (1µg/cm ² .min)																																																												
JKLMNOPST																																																												
<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>	Permeation level	1	2	3	4	5	6	Minimum breakthrough times (min)	10	30	60	120	240	480																																														
Permeation level	1	2	3	4	5	6																																																						
Minimum breakthrough times (min)	10	30	60	120	240	480																																																						
Type A > level 2 for 6 chemicals Type B > level 2 for 3 chemicals Type C > level 1 for 1 chemical																																																												

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 the CaluGuard work gloves or our complete range of products?

Visit our webshop via www.carellurvink.nl or visit one of our servicecenters in Enschede (NL) or Hilversum (NL).

Everyone deserves a Clean & safe environment

