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**CALYX CHEMICAL PROTECTIVE GLOVE**  
**INSTRUCTION FOR USE**

This glove offers protection against chemical hazards according **EN 374-1:2016, EN ISO 374-5:2016 and EN ISO 21420:2020** and is in conformity with the European Regulation (EU) 2016/425. The Module D is under the supervision of SGS, FIMKO OY: P.O Box 30, (Sarkiniementie 3) 00211, Helsinki, Finland Notified Body No.0598.

Article No.	Brand Name	Size*	Remarks
PW9000XS	CALYX Nitrile Protective Glove	EX-SMALL Hand Size (6-7) (75± 5mm)	For low chemical protection
PW9000S	CALYX Nitrile Protective Glove	SMALL Hand Size (7-8) (85± 5mm)	For low chemical protection
PW9000M	CALYX Nitrile Protective Glove	MEDIUM Hand Size (8-9) (95± 5mm)	For low chemical protection
PW9000L	CALYX Nitrile Protective Glove	LARGE Hand Size (9-10) (105± 5mm)	For low chemical protection
PW9000XL	CALYX Nitrile Protective Glove	EX-LARGE Hand Size (10-11) (min 115mm)	For low chemical protection

\* These glove sizes are based on the hand sizing system (hand circumference and hand length as defined in Annex B) defined in EN ISO 21420

Hand Size	Hand Circumference (mm)	Minimum Length (mm)
EX-SMALL	160	242
SMALL	180	245
MEDIUM	190	245
LARGE	210	240
EX-LARGE	230	245

Glove Size	Fits	Minimum Length (mm)
EX-SMALL	Hand size XS	240
SMALL	Hand size S	240
MEDIUM	Hand size M	240
LARGE	Hand size L	240
EX-LARGE	Hand size XL	240

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CA 0120**

Product is compliant and certified to the requirements of the Personal Protective Equipment Regulations (Regulation (EU)2016/425) as they apply in GB, as amended. Type examination certificate (Module B) by Centexbel International Ltd, (Approval Body 8515), 8 Northumberland Avenue, London WC2N 5BY, UK, and Conformity to type based on quality assurance of the production process (Module D) by SGS United Kingdom Ltd, (Approved Body 0120) Rossmore Business Park, Ellesmore Port, Cheshire, CH65 3EN, UK.

**CE 0598**

Product is compliant and certified to the requirements of the European Regulation on Personal Protective Equipment (EU)2016/425. PPE Type examination certificate (Module B) by Centexbel Belgium (Notified Body 0493), Technologiepark 70, B-9052 Zwijnaarde and, Conformity to type based on quality assurance of the production process (Module D) by SGS Fimko OY, (Notified Body 0598), Takomotie 8, F1-00380 Helsinki, Finland.

**EN ISO 374-1:2016/ TYPE B**



**JKT**

For water proof and low chemical protection

1. Hydrogen Peroxide 30% - Performance Level - 0
2. Against Heptane n- - Performance Level - 6
3. Against Formaldehyde 37% - Performance Level – 6
4. Sodium Hydroxide 40% - Performance Level - 6

**Terminology and performance requirements for Micro organisms**

**EN ISO 374-5:2016**



**VIRUS**

Warning -The Penetration resistance has been assessed under laboratory conditions and relates only to the tested specimen

**STORAGE**

**RECOMMENDATION:** Do not store Accelerator Free Chemical Protective Nitrile Gloves where temperature may rise above 104°F (40°C). Store in cool, dry and well-ventilated area. Opened boxes of Chemical Protective Latex Glove shall be protected from exposure to direct sunlight or prolonged fluorescent lighting to prevent discoloration. Improper storage of Accelerator Free Chemical Protective Nitrile Glove will result in decreased shelf life and compromised efficiency.

**USE**

These gloves are designed to protect user's hands against certain chemical risks. Testing and marking on the gloves are in accordance with Regulation 2016/425 as well as applicable harmonized European Standards. Please ensure the gloves are used strictly for the intended applications.

Finger dexterity has been tested according to EN ISO 21420:2020 and has reached level 5 (Classification min level 1, maximum level 5)

These glove sizes are aligned with the size range of EN ISO 21420:2020.

**WARNING** : The performance levels of the gloves on the list of chemicals mentioned above does not reflect the actual duration of protection in the workplace due to other factors influencing the performance, such as temperature, abrasion, degradation etc.

The chemical resistance has been assessed under laboratory conditions from samples taken from the palm only (except in cases where the glove is equal to or over 400mm-where the cuff is tested also) and relates only to the chemical tested. It can be different if the chemical 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 test depending on temperature, abrasion and degradation.

When used, protective gloves may provide less resistance to dangerous chemicals due to changes in physical properties. Movements, snagging, rubbing, degradation caused by the chemical contact etc. may reduce the actual use time significantly. For corrosive chemicals, degradation can be the most important factor to consider in selection of chemical resistant gloves.

Before usage, inspect the gloves for any defect or imperfections. The glove is only for “For Single use only”.

**Glove Integrity** : Before use the glove ensure that:

1. Glove is been inspected and Free from any defects or imperfections such as Holes, pinholes and tears. If the glove is ripped or punctured during use, dispose of them immediately. If in doubt, do not use the gloves and replaced with new glove
2. Do not reverse the glove
3. Essential to keep all chemicals from contact with the skin, even if they are thought to be harmless
4. Prevent to use dirty glove on the inside to avoid any skin irritation, cause dermatitis or worse
5. Contaminated glove should be cleaned or washed before removal
6. Ensure chemicals cannot enter via the cuff

**Disposal:** Used gloves can be contaminated with contagious or other hazardous substances. Requirements or methods for Disposal Glove is disposed according to the local authority law/regulation set by each Country

## DONNING, DOFFING INSTRUCTION:

### Donning

1. Remove one glove from the package and inspect it to be sure no pinholes or tears are present.
2. If gloves are ambidextrous, they can be worn on either hand. If not, align the gloves fingers and thumb with the proper hand before donning.
3. Insert five fingers into the cuff and pull the cuff over the wrist.
4. Check for a secure fit around the fingers and palm. The cuff should fit snugly around the wrist.

### Doffing

1. Grasp the outside edge of the glove near the wrist.
2. Peel the glove away from the hand, turning it inside out. Hold it in the opposite gloved hand.
3. Slide an ungloved finger under the wrist of the remaining glove, being careful not to touch the outside of the glove.
4. Peel the remaining glove off from the inside, creating a “bag” containing both gloves. Discard.

### Water Vapour Transmission and Absorption

The gloves are not designed to allow water vapour transmission/absorption.

INGREDIENTS : Components used in making gloves may cause allergic reactions in some users.

CLEANING : N/A as the glove is single use in intended manner.

COMPREHENSION ON PERFORMANCE LEVEL:

Method	Description	Requirements	Result																								
ISO 3071 (2005)	pH of an aqueous extract	3,5<pH<9,5	7.3																								
EN 21420 length	Length	<table border="0"> <tr> <td>hand size</td> <td>min.</td> <td></td> </tr> <tr> <td>length (mm)</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>220</td> <td>245</td> </tr> <tr> <td>7</td> <td>230</td> <td>250</td> </tr> <tr> <td>8</td> <td>240</td> <td>245</td> </tr> <tr> <td>9</td> <td>250</td> <td>248</td> </tr> <tr> <td>10</td> <td>260</td> <td>253</td> </tr> <tr> <td>11</td> <td>270</td> <td></td> </tr> </table>	hand size	min.		length (mm)			6	220	245	7	230	250	8	240	245	9	250	248	10	260	253	11	270		Medium Size:
hand size	min.																										
length (mm)																											
6	220	245																									
7	230	250																									
8	240	245																									
9	250	248																									
10	260	253																									
11	270																										
EN 374-2	Determination of resistance of water leak and air leak	No leak	Immediately and after 2 min. result ok Used pressure 3Kpa after 30seconds result ok																								
EN 16523-1	Permeation NaOH 40%	different classes 1: >10min 2: >30min 3: >60 min 4: >120min 5: >240min 6: >480min	Level 6: > 480min (Min 480 minutes)																								
EN 16523-1	Heptane n	different classes 1: >10min 2: >30min 3: >60 min 4: >120min 5: >240min 6: >480min	Level 6: > 480min (Min 480 minutes)																								
EN 16523-1	H202 30%	different classes 1: >10min 2: >30min 3: >60 min 4: >120min 5: >240min 6: >480min	Class 0 < 10min (min 8 minutes)																								
EN 16523-1	Formaldehyde 37%	different classes 1: >10min 2: >30min 3: >60 min 4: >120min 5: >240min 6: >480min	Level 6: > 480min (Min 480 minutes)																								

<b>Method</b>	<b>Description</b>	<b>Requirements</b>	<b>Result</b>
<b>EN 374-4(2013)</b>	Determination of resistance to degradation by chemical	Percentage of Degradation Formaldehyde DR1: 41.4 DR2: 37 DR3: 37.2	Average Degradation 38.5%
<b>EN 374-4(2013)</b>	Determination of tearing resistance - gloves	Percentage of Degradation H2O2 -30% DR1: 18.6 DR2: 20.9 DR3: 21.8	Average Degradation 20.4%
<b>EN 374-4(2013)</b>	Determination of the puncture resistance	Percentage of Degradation Heptane n DR1: 57.7 DR2: 46.8 DR3: 46.6	Average Degradation 50.4%
<b>EN 374-4(2013)</b>	Determination of the puncture resistance	Percentage of Degradation NaOH -40% DR1: 4.9 DR2: 13.0 DR3: 2.2	Average Degradation 6.7%
<b>EN 374-5:2016</b>	Resistance to Penetration by blood borne Pathogen		Pass

**Declaration of conformity**

Declaration of conformity of the product can be retrieved from website:

[www.envirocleanglobal.com](http://www.envirocleanglobal.com)