

USER INSTRUCTIONS

PRODUCT CODE : 1445 SOLVO

Safety category: III

GLOVE DESCRIPTION: tough flexible PVC coated gloves, with additional granular coating on hand portion to confer excellent grip in wet and dry applications. Increased thickness gives additional wear and abrasion resistance. Lining: cotton interlock. Length: 350 mm. Flared gauntlet for ease of removal. Actifresh or Sanitized treated to provide some protection against organisms which give bad odour and cross infection. Protection levels are measured from double dipped area of glove palm.

USE: ideally suited for general handling in most factory uses and may be used in general chemical handling situations. Not recommended for use with concentrated corrosive chemicals.

WARNING: do not use near moving machinery if there is a risk of entanglement with moving parts of machines.

The test result applies to new unused gloves. For gloves with two or more layers the overall classification does not necessarily reflect the performance of outermost layer. This information does not reflect the actual duration of protection in the workplace and the differentiation between mixtures and pure chemicals. The chemical resistance has been assessed under laboratory conditions from samples taken from the palm only 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 the 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. Degradation levels indicate the change in puncture resistance of the gloves after exposure to the challenge chemical. The penetration resistance has been assessed under laboratory conditions and relates only to the tested specimen.

TECHNICAL INFORMATION: mechanical test results according to EN 388: 2016+A1:2018

Mechanical characteristics	Result	Mechanical properties	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion resistance	Level 4	Abrasion (cycles)	100	500	2000	8000	-
Cut resistance	Level 1	Cutting (Index)	1.2	2.5	5.0	10.0	20.0
Tear resistance	Level 2	Tearing (Newton)	10	25	50	75	-
Puncture resistance	Level 1	Perforation (Newton)	20	60	100	150	-
TDM cut resistance	X	Cutting force (Newton)	A >2, B >5, C >10, D >15, E >22, F >30				

EN388:2016+
A1:2018

4 1 2 1 X

X for NOT assessed

Test results are taken from the palm area of the gloves

In accordance with EN ISO 374-1:2016+A1:2018/ Type A

Chemical substance	Nivel
n-Heptane (J)	2
40% Sodium Hydroxide(K)	6
96% Sulphuric Acid (L)	3
65% Nitric Acid (M)	3
30% Hydrogen peroxide (P)	6
40% Hydrofluoric acid (S)	5
37% Formaldehyde (T)	6



EN ISO 374-4:2019

Chemical substance	Mean Degradation %
n-Heptane (J)	3.9
40% Sodium Hydroxide(K)	13.5
96% Sulphuric Acid (L)	62.4
65% Nitric Acid (M)	34.3
30% Hydrogen peroxide (P)	-1.7
40% Hydrofluoric acid (S)	X
37% Formaldehyde (T)	1.4

The level of chemical protection is established in the palm of the gloves

Level	1	2	3	4	5	6
Penetration time (minutes)	>10	>30	>60	>120	>240	>480

Tested in accordance with EN ISO 374-5:2016

Resistant to bacteria and fungi - pass
Virus resistance - pass



VIRUS

Dexterity performance level 2 in accordance with EN ISO 21420:2020.

All EU type examinations were carried out by SATRA Technology Europe Limited, Bracetown Business Park, Colonee, D15YN2P, Republic of Ireland, NB #2777 in accordance with PPE Regulation (EU) 2016/425. 1445 SOLVO are sampled and tested for leakage in accordance with Annex-A of EN ISO 374 Part 2 and EN ISO 374 Part 2 section 5.2 respectively and the results at performance level 3 and inspection level G1 are classified as Acceptable Quality Level (AQL) <0.65

Sizes	7/S	8/M	9/L	10/XL	11/XXL
Hand size according to EN ISO 21420:2020	7	8	9	10	11

Glove size measurements are made when the glove is laid flat and relaxed. The stretch property of these products allows the gloves to accommodate the hand size quoted above.

MARKING: name of manufacturer, Style, Size, Actifresh or Sanitized. CE mark, notified body number **CE0598** and relevant pictograms with performance levels.

DONNING & DOFFING: ensure the selection of appropriate glove size. Check for any physical damages or contamination prior to each use of glove. insert five fingers into the cuff and pull the cuff over the wrist. check for a secure fit around the fingers and palm. Discard if there is any damage or contaminant. Remove the glove as soon as it wears off or damage. When contaminant is not removeable or present a potential hazard it is advisable to easy left and right gloves off alternately using the gloved hand so that the gloves are removed without the contaminant contacting bare hand.

OBSOLESCENCE: when stored as recommended will not suffer change in mechanical properties for up to 5 years from the date of manufacture. Service life cannot be specified and depends on application and responsibility of user to ascertain suitability of the gloves for its intended use.

STORAGE: store the gloves in cool dry place and out of direct sunlight.

CLEANING/MAINTENANCE: the gloves should be inspected before use and disposed of if damaged. Gloves can be cleaned by wiping with damp cloth.

GENERAL: these products are manufactured under a Quality system which has been registered and meets the requirements of ISO 9001. The manufacturer was examined under the system of ensuring EU Quality of production by means of monitoring EU Regulation 2016/425 Module D by SGS Fimko Oy, P.O.BOX 30 (Sarkiniementie 3), 00211 Helsinki, Finland (Notified Body No.0598). The models referred to are designed to accommodate the basic safety requirements and standards laid down in EU regulation for Personal Protective Equipment and EN ISO 21420:2020, EN388:2016+A1:2018, EN ISO 374-1:2016+A1:2018 & EN ISO 374-5:2016 respectively.

None of the materials or processes used in the manufacture of these products are known to have any harmful effect on the wearer. Please note that the hand protection is limited to the PVC coated area of the glove. The information contained herein is intended to assist the wearer in selection of Personal Protective Equipment. The results of laboratory tests should also help in glove selection, however it must be understood that the actual conditions of use cannot be simulated. It is therefore the responsibility of the user not the manufacturer to determine the glove suitability for the intended use.

The declaration of conformity and the technical sheet can be downloaded at: <https://magazin.renania.ro/>

More information can be obtained from:

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