

Product Ref: PRO-610 – Flock-lined, nitrile chemical gauntlet with anti-slip palm pattern

Sizes available: 6, 7, 8, 9, 10 and II

Mfg No: xxxx-xx/xx

Retain these instructions for future reference.

These products are classed as Personal Protective Equipment (PPE) by the (EU) Regulation 2016/425 and UK 2019 SI696 Schedule 35 Regulation 38 on PPE as brought into UK Law and Amended. They have been shown to comply with these Regulations through the Harmonized Standards and Designated Standards EN ISO 21420:2020, EN ISO 374-1:2016+A1:2018, EN ISO 374-2:2019, EN ISO 374-4:2019, EN ISO 374-5:2016 and EN 16523-1:2015. The gloves fulfil all requirements for EU & UKCA type-examination for PPE and are subject to the conformity to type based on quality assurance of the production process (module D).

Manufacturer: Treadstone Products, Unit 36, Abenbury Way, Wrexham Industrial Estate, Wrexham, UK, LLI3 9UZ
Tel: +44(0) 1978 664667 E-mail: info@treadstoneproducts.com Website: www.treadstoneproducts.com

Approved Body responsible for UKCA Type examination:
SATRA Technology Centre Limited
Wyndham Way, Telford Way,
Kettering, Northamptonshire,
NN16 8SD, UK.
Tel: +44 (0) 1536 410000
www.satracom
(Approved Body:0321)

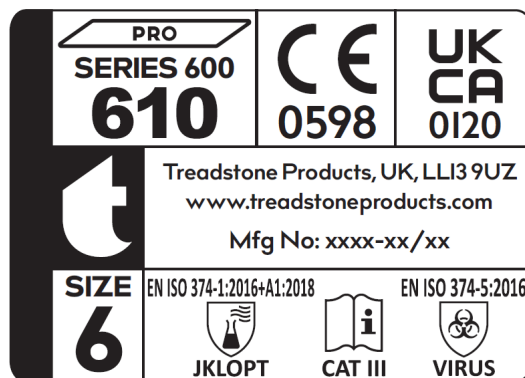
Approved Body responsible for ongoing conformity assessment:
SGS United Kingdom Ltd
Inward Way
Rossmore Business Park
Ellesmere Port, Cheshire
CH65 3EN, UK
[+44 \(0\) 151 350 6666](tel:+44(0)1513506666)
www.sgs.com
(Approved Body: 0120)

Notified Body responsible for EU Type examination:
SATRA Technology Europe Ltd
Bracetown Business Park
Clonee
DUBLIN, D15 YN2P
Ireland
Tel: +353 (1) 437 2484
www.satraeurope.com
(Notified Body: 2777)

Notified Body responsible for ongoing conformity assessment:
SGS FIMKO OY
Särkiniementie 3
Helsinki, 00211
Finland
Tel: +358 9 6963 701
www.sgs.com
(Notified Body: 0598)

Performance and limitation of use

Protective gloves against chemicals and micro-organisms for a limited period of time. These gloves have been tested and certified against EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-2:2019, EN ISO 374-4:2019, EN ISO 374-5:2016 and EN 16523-1:2015 indicated by the markings applied to the glove packaging and shown below, in accordance with the (EU) Regulation 2016/425 and UK 2019 SI696 Schedule 35 Regulation 38 on PPE as brought into UK Law and Amended. The gloves should therefore only be used for protection against the specific risks identified by the pictograms and test results below. Performance can be significantly affected by chemical concentration, temperature and mixture.



Explanation of pictograms:



Please read this user information sheet before using the gloves. Further information is available from the manufacturer details above.



JKLOPT

EN ISO 374-1:2016+A1:2018 – Protective gloves against dangerous chemicals and micro-organisms – Part 1: Terminology and performance requirements for chemical risks

A = Methanol. CAS number: 67-56-1. Class: Primary alcohol. Permeation level 2 / Degradation level 70.1%
J = n-Heptane. CAS number: 142-82-5. Class: Saturated hydrocarbon. Permeation level 6 / Degradation level 0.0%
K = Sodium hydroxide 40%. CAS number: 1310-73-2. Class: Inorganic base. Permeation level 6 / Degradation level 4.5%
L = Sulphuric acid 96%. CAS number: 7664-39-3. Class: Inorganic mineral acid, oxidizing. Permeation level 3 / Degradation level 61.9%
M = Nitric acid 99%. CAS number: 7697-37-2. Class: Inorganic mineral acid, oxidizing. Permeation level 2 / Degradation level 98.7%
N = Acetic acid 99%. CAS number: 64-1-7. Class: Organic acid. Permeation level 3 / Degradation level 91.9%
O = Ammonium hydroxide 25%. CAS number: 1336-21-6. Class: Organic base. Permeation level 6 / Degradation level -5.8%
P = Hydrogen peroxide 30%. CAS number: 7722-84-1. Class: Peroxide. Permeation level 6 / Degradation level -11.7%
T = Formaldehyde 37%. CAS number: 50-00-0. Class: Aldehyde. Permeation level 6 / Degradation level -15.6%

EN ISO 374-4:2019 - Degradation results indicate the change in puncture resistance of the gloves after exposure to the challenge chemical.

Each combination of protective glove/test chemical shall be classified according to Table 1 below, using the results as given in EN 16523-1:2015, 8.5.1.1 or 8.5.1.3 for the normalized breakthrough time. For Type A gloves, the permeation performance shall be at least level 2 against a minimum of six test chemicals listed in Table 2 below.

Table 1 — Permeation performance levels

Measured breakthrough time min	Permeation performance level
>10	1
>30	2
>60	3
>120	4
>240	5
>480	6

Classification	Chemical breakthrough time
Type A	>30 minutes against at least 6 chemicals from Table 2
Type B	>30 minutes against at least 3 chemicals from Table 2
Type C	>10 minutes against at least one chemical from Table 2 (no code below the pictogram)

Table 2 — List of test chemicals

CODE LETTER	CHEMICAL	CAS NUMBER	CLASS
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated hydrocarbon
E	Carbon disulphide	75-15-0	Sulphur containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofuran	109-99-9	Heterocyclic and ether compound
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-82-5	Saturated hydrocarbon
K	Sodium hydroxide 40 %	1310-73-2	Inorganic base
L	Sulphuric acid 96 %	7664-93-9	Inorganic mineral acid, oxidizing
M	Nitric acid 65 %	7697-37-2	Inorganic mineral acid, oxidizing
N	Acetic acid 99 %	64-19-7	Organic acid
O	Ammonium hydroxide 25 %	1336-21-6	Organic base
P	Hydrogen peroxide 30 %	7722-84-1	Peroxide
S	Hydrofluoric acid 40 %	7664-39-3	Inorganic mineral acid
T	Formaldehyde 37 %	50-00-0	Aldehyde

EN ISO 374-2:2019 – Protective gloves against dangerous chemicals and micro-organisms – Part 2: Determination of resistance to penetration

Gloves have passed the tests for air leak and water leak in accordance with EN ISO 374-2:2019



EN ISO 374-5:2016 – Protective gloves against dangerous chemicals and micro-organisms – Part 5: Terminology and performance requirements for micro-organisms risks

Protection against bacteria and fungi: PASS / Protection against viruses: PASS.



VIRUS

Gloves comply with the requirements given in EN 21420:2020, Clause 4, Clause 5 and Clause 7, and meet the requirements of EN ISO 374-5:2016 for resistance to penetration by blood-borne pathogens-test method using Phi-X174 bacteriophage. The penetration resistance has been assessed under laboratory conditions and related only to the tested specimen.

WARNING! This information does not reflect the actual duration of protection in the workplace and the differentiation between mixtures and pure chemicals. The penetration resistance has been assessed under laboratory conditions and relates only to the tested specimen. 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 400 mm - 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 the dangerous chemical 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. Testing details are available upon request using the contact information shown above.

Precautions for use

1. Before usage, inspect the gloves for any defect or imperfections (e.g., cuts or holes). Do not use damaged gloves. If in doubt, do not use the gloves.
2. Do not use where there is a risk of entanglement.
3. Do not use near a naked flame or sources of extreme heat.
4. Not suitable for protection against ionising radiation.
5. Not for use in explosive environments.
6. The gloves should only be used for splash protection of, or short contact with, chemicals.
7. Ensure that chemicals cannot enter via the cuff and that no chemicals come into contact with the skin, even if they are assumed to be harmless.
8. Before removal, gloves should be cleaned of any contamination.
9. Do not reverse the gloves.
10. The gloves have not been tested against thermal risk, and should not be used in applications which require protection against these risks.

Ingredients/Hazardous Ingredients

Some gloves may contain ingredients, which could potentially cause irritation / allergic reaction. In case of any adverse reaction / irritation, seek medical advice.

Care instructions

Storage: When not in use, store the product in a dry place away from direct sunlight, sources of contamination and extremes of temperature.

Cleaning: These gloves are not suitable for washing. Do not launder or wash.

Disposal

Dispose of used gloves in accordance with Local Authority guidelines.

For further information, user instructions, Declaration of Conformity or details of our full range scan QR code or visit <https://www.treadstoneproducts.com/treadstone-safety>



Product made in Sri Lanka

Donning and doffing procedure

