

PROTECTION AND DEXTERITY



STC994E - REV 1 - 25.03.03

CATEGORY I CERTIFICATION



TRILITES 994

This glove conforms to the provisions of directive 89/686/EEC for protection against chemical splashes or micro-organisms (for minor risks only).

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TRILITES 994

DESCRIPTION AND GENERAL PROPERTIES

Liquidproof purple glove made of natural rubber latex, neoprene and nitrile blend.

Ambidextrous design.

Chlorinated glove surface.

Beaded cuff end.

Textured finger tips.

Does not contain pigments, powder, silicone or paraffin.

Conform to the FDA (Food and Drug Administration) regulation for pharmaceuticals and food contact.

Thickness (in palm area) : 0.15 mm (nominal value)

Length (all sizes) : 25.5cm (nominal value)

Sizes available (according to EN 420) : 6 (S) ; 7 (M) ; 8 (L) ; 9 (XL)

Standard packaging :

- 100 gloves in sealed polyethylene bag (99492) or in cardboard boxes (99495)
- 10 bags or boxes per case

PROTECTIVE VALUE

The following information relates to qualification tests performed by the manufacturer.

PROTECTION AGAINST SPLASHES OF CHEMICALS AND MICRO-ORGANISMS

Liquidproof glove according to EN 374 standard. AQL (Acceptable Quality Level): 1.5%

See splash degradation guide hereafter.

These gloves are not designed for long duration contact nor immersion in chemicals, nor for protection against mechanical hazards.

Avoid contact with petroleum solvents.

These gloves conform to the provisions of EN 455.

Total protein level below detection using modified Lowry assay .
(ASTM D5712, EN 455-3).

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SPECIFIC ADVANTAGES

- Unique triple polymer blend for enhanced comfort and resistance.
- Protection against chemical splashes.
- 99492 : low particule count maintained in sealed plastic bags.
- Rolled cuff edge preventing tearing when donning and glove roll-down on the hand.
- Optimal thickness delivering maximum tactility with superior durability.
- 4 sizes available to fit all hands.
- Natural rubber latex proteins levels below detection (Lowry test) reducing risk of becoming sensitized.
- User traceability on inner bags and cartons.

MAIN FIELDS OF USE

Dry handling and splash protection in controlled environments.

- Laboratories
- Light assembly and sorting
- Precision parts handling
- Light maintenance

INSTRUCTIONS FOR USE AND STORAGE

For enhanced safety and service life of the gloves :

- Store the gloves in their sealed packaging protected from direct sunlight, far from heat sources and electrical equipment. Maximum recommended storage time : 1 year.
- It is not recommended to persons sensitized to natural latex, dithiocarbamates and thiazoles to use these gloves.
- Visually inspect while donning for imperfections.
- Put the gloves on dry, clean hands, free of petroleum based lotions.
- These gloves are designed for single use only.
- If significant contact with a chemical occurs, remove the gloves immediately and dispose of them as appropriate.
- If gloves have been contaminated with chemicals, do not touch the external side of the gloves when taking them off. Fold back the cuff end and pull them off while turning them inside out.

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CHEMICAL SPLASH DEGRADATION GUIDE

These gloves may be used for protection against splashes.
They are not designed for prolonged chemical contact or immersion in chemicals.
Avoid contact with petroleum solvents.

CHEMICAL	CAS Nr	Degradation Weight change (%) Time in minutes		
		1	5	10
Acetic acid 50%	84-19-7	1	4	5
Acetone	67-64-1	4	4	4
Acetonitrile	75-05-8	1	1	1
Ammonium Hydroxyde 30%	1336-21-6	< 1	1	1
Tertiary butyl alcohol	75-85-0	2	10	13
Tertiary butyl hydroperoxide 70%	75-91-2	4	15	19
Ethanol	64-17-5	< 1	1	1
Ethyl Acetate	141-78-6	12	15	14
Formaldehyde 37%	50-00-0	< 1	1	1
Hydrochloric Acid 37%	7647-01-04	< 1	1	1
Hydrofluoric Acid 48%	7664-39-3	< 1	0	1
Isopropyl Alcohol	67-63-0	< 1	1	1
Methanol	67-56-1	< 1	< 1	< 1
Methylene Chloride	75-09-2	43	67	87
Methylethylketone (MEK)	78-93-3	11	13	12
N-Methyl-2-Pyrrolidone	872-50-4	4	9	7
Peroxyacetic acid 32%	79-21-0	1	14	27
Phenol (saturated)	108-95-2	3	8	14
Phosphoric Acid 85%	7664-38-2	1	1	1
Propylene oxide	75-56-9	10	11	12
Sodium azide 10%	26628-22-8	< 1	< 1	< 1
Sodium Hydroxyde 50%	1310-73-2	1	1	1
Sulphuric Acid 50%	7664-93-9	< 1	1	1
Tetrahydrofuran (THF)	109-89-9	49	84	92
Toluene	108-88-3	131	205	233
N-Vinyl-2-Pyrrolidone	88-12-0	10	18	17

Test method according to ASTM D471 modified. : one minute contact of the external surface of the glove followed by four minutes stay without wiping or blotting the glove.

The weight change percentage is recorded after repeating this process one, five and ten times.

WEIGHT CHANGE (%)	PERFORMANCE RATING
0-10	Excellent
11-20	Good
21-30	Fair
over 30	Poor

CHEMICAL	CAS Nr	Permeation Breakthrough Time in minutes
Acetone	67-64-1	1
Ammonium hydroxide 30%	1336-21-6	10
Hydrochloric acid 37%	7647-01-0	>110
Hydrofluoric acid 50%	7664-39-3	27*
Isopropanol (2-Propanol)	67-63-0	4
Peroxyacetic acid 32%	79-21-0	20*
Phenol 88%	108-95-2	7*
N-Vinyl 2- Pyrrolidinone	88-12-0	8

Chemical permeation tested according to ASTM F 1383 or * according to ASTM F 739.

