

PROTECTION AND DEXTERITY



CATEGORY III CERTIFICATION

STC996E - REV 4 – 13 09 04

CE 0334

SOLO ULTRA 996 - 997 - 999

CE-Type Examination Certificates

SOLO ULTRA 996 : 0075/014/162/08/04/0153

SOLO ULTRA 997 : 0075/014/162/08/04/0152

SOLO ULTRA BLUE 997 : 0075/014/162/08/04/0152 EX 01 08 04

SOLO ULTRA 999 : 0075/014/162/08/04/0152 EX 02 08 04

issued by the approved body nr. 0075

C.T.C – F-69367 LYON CEDEX 07

Certificate of conformity of the Quality Assurance System

issued by the approved body nr. 0334

ASQUAL - 14, rue des Reculettes - F-75013 PARIS

These gloves conform to the provisions of Directive 89/686/EEC for protection against chemicals and micro-organisms within the limit of the recommendations hereafter.

57, rue de Villiers - B.P. 190
92205 NEUILLY SUR SEINE Cedex – France
Tél : (33) 1 49.64.22.00 - Fax : (33) 1 49.64.24.29

www.mapa-professionnel.com

MAPA (U.K.) Ltd
Unit A - Halesfield 14 – TELFORD TF7 4QR
Tel (01) 952.684.487 / Fax (01) 952 580 959

MAPA[®]
PROFESSIONNEL

SOLO ULTRA 996 - 997 – 999

DESCRIPTION AND GENERAL PROPERTIES

Liquidproof gloves made of **nitrile rubber**.

Guaranteed natural latex free.

Ambidextrous design.

Smooth external surface with **textured finger tips**.

Beaded cuff end.

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

Thickness (in palm area) : **0.10 mm** (nominal value)

Reference	Colour	Surface Treatment	Length for all sizes (in cm)*	Sizes available
SOLO ULTRA 996	White	Bio-absorbable powder	24,5	6 - 6 ½
SOLO ULTRA 997 41	White	Chlorination	24,5	7 - 7 ½
SOLO ULTRA 997 43	Blue			8 - 8 ½
SOLO ULTRA 999	White	Chlorination	30	9 - 9 ½

* nominal value

Standard packaging :

- **100 gloves in printed cardboard box**
- **10 boxes per carton**

"CE"-TYPE EXAMINATION RESULTS



LIQUIDPROOF GLOVES
According to EN 374 standard



PROTECTION AGAINST MICRO-ORGANISMS
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.

SOLO ULTRA 996 - 997 – 999

SPECIFIC ADVANTAGES

- Excellent dexterity thanks to flexibility and reduced material thickness.
- Easy to put on and to take off.
- Protection of the hand as well as handled products.
- Recommended for persons sensitized to natural rubber proteins.
- For food handling.

MAIN FIELDS OF USE

- Food processing.
- Laboratory works.
- Preparation of pharmaceuticals.
- Small parts assembly.
- Precision electronics in aeronautics.
- Graphics arts.
- Photography.

INSTRUCTIONS FOR USE

For enhanced safety and service life of the gloves :

- Store the gloves in their original packaging protected from direct sunlight, far from heat sources.
- It is not recommended to persons sensitized to dithiocarbamates to use these gloves.
- Put the gloves on dry, clean hands.
- Position the cuff over the garment to prevent penetration of a liquid.
- These gloves are designed for single use only.
- 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.

SOLO ULTRA 996 - 997 – 999

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 ketonic solvents.

CHEMICAL	CAS Nr	Permeation Breakthrough Time (minutes)	Degradation Weight change (%)
Acetic Acid 50%	64-19-7	34	F
Acetic Acid (Glacial) 99.7%	64-19-7	3.7	NT
Acetone	67-64-1	0.5	P
Acetonitrile	75-05-8	1	NT
Aliphatic solvent	64742-53-6	> 480	E
Ammonium Hydroxide 28-30%	1336-21-6	13	E
Amyl Alcohol	71-41-0	68.9	NT
Benzene	71-43-2	0.8	P
n-Butanol	71-36-3	40.7	NT
Carbon tetrachloride	56-23-5	3.3	NT
Dichloromethane (Methylene Chloride)	75-09-2	0	P
Diethylamine	109-89-7	1	NT
Dimethylsulfoxide (DMSO)	67-68-5	21	NT
1,4-Dioxane	123-91-1	1.7	NT
Ethanol 85-92%	64-17-5	11.2	NT
Formic Acid 95-97%	64-18-6	3.1	NT
Hydrochloric Acid 37%	7647-01-0	60	E
Hydrofluoric Acid (Hydrogen fluoride) 48%	7664-39-3	10	E
Hydrogen Peroxide 30%	7722-84-1	> 480	E
Kerosene (mixture)	8008-20-6	228.1	E
Methanol	67-56-1	3.6	G
Mineral Spirits (mixture) (C-10 - C-13 Isoalkanes)	68551-17-7	107	E
Nitric Acid 50%	7697-37-2	27	P
Petroleum Ether (V&P Naphta)	8032-32-4	9.5	E
Phenol 50%	108-95-2	3	NT
Phenol (saturated)	108-95-2	NT	P
Phosphoric acid 85%	7664-38-2	> 480	E
2-Propanol (Isopropanol)	67-63-0	29.5	G
Sodium Hydroxide 50%	1310-73-2	> 480	E
Sodium Hypochlorite 5%	10022-70-5	> 480	NT
Sulfuric acid 50%	7664-93-9	> 480	E
Toluene	108-88-3	0.8	P
Unleaded gasoline (mixture)	8006-61-9	2.5	P
Xylene	1330-20-7	1.8	P

Permeation according to ASTM F739

NT = Not Tested

Degradation according to ASTM D471*

Weight change : Performance rating :

0 - 10% E : Excellent

11 - 20% G : Good

21 - 30% F : Fair

Over 30% P : Poor

*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.

"CE" DECLARATION OF CONFORMITY

The Company

MAPA s.n.c.

57, rue de Villiers
BP 190
92205 Neuilly-sur-Seine Cedex - France

declares that the following MAPA PROFESSIONNEL protective nitrile gloves :

Solo Ultra 996
Solo Ultra 997
Solo Ultra Blue 997
Solo Ultra 999

conform to the gloves which are the subject of "CE" certificates of conformity nr

Solo Ultra 996 : 0075/014/162/08/04/0153

Solo Ultra 997 : 0075/014/162/08/04/0152

Solo Ultra Blue 997: 0075/014/162/08/04/0152 Ex 01 08 04

Solo Ultra 999 : 0075/014/162/08/04/0152 Ex 02 08 04

issued by the notified body nr **0075**

C.T.C.

F-69367 LYON CEDEX 07

They are manufactured under a certified **Quality Assurance System** issued by the notified body nr **0334**

ASQUAL

14, rue des Reculettes
F-75013 PARIS

CATEGORY III CERTIFICATION

They conform to the provisions of directive **89/686/CEE**, designed for protection against **chemicals and micro-organisms** within the limits of use described in the technical documentation, and are manufactured in conformance with the following **European Standards : EN 420 and EN 374.**

Prepared at Neuilly-sur-Seine, on December 05, 2005.

MAPA
S.N.C. au Capital de 700.000 F.
57, rue de Villiers - BP 190
92205 NEUILLY-SUR-SEINE Cedex
Siège social : 2, rue Maréchal, 75008 PARIS
R.C.S. PARIS B 814 397 720

M.RODOT
Technical Customer Service

MAPA s. n. c.

57 RUE DE VILLIERS - BP 190 – 92205 NEUILLY-SUR-SEINE cedex – France –
TEL : 33 (0) 01 49 64 22 00 – FAX : 33 (0) 01 49 64 24 29

www.mapa-professionnel.com