

Alto 299

DESCRIPTION AND GENERAL PROPERTIES

- **Material** Natural latex
- **Length (inches)** 12.20
- **Thickness (inches)** 0.035
- **Wrist** Straight cuff
- **Colour/Color** Orange
- **Interior finish** Flocked
- **Exterior finish** Embossed texture
- **Size / EAN** 7 8 9 10
- **Packaging** 1 pair/bag - 5 pairs/box - 50 pairs/carton



PERFORMANCE RESULTS

Certification category 3

CE 0334



Dexterity EN 420 : 5/5

Type A



AKLMPT



3121X

Legends

EN 388 MECHANICAL HAZARDS



PERFORMANCE LEVELS

0-4 0-5 0-4 0-4 A-F (P)
 └─ Impact protection
 └─ Cut resistance according to ISO 13997
 └─ Puncture resistance
 └─ Tear resistance
 └─ Blade cut resistance
 └─ Abrasion resistance

EN 407 THERMAL RISKS heat and fire



PERFORMANCE LEVELS

0-4 0-4 0-4 0-4 0-4 0-4
 └─ Resistance to large quantities of molten metal
 └─ Resistance to small drops of molten metal
 └─ Radiant heat resistant
 └─ Convective heat resistance
 └─ Contact heat resistance
 └─ Burning behaviour

CHEMICAL RISKS

EN ISO 374-1



Type A
U V W X Y Z

A Methanol
B Acetone
C Acetonitrile
D Dichloromethane
E Carbon Disulfide
F Toluene
G Diethylamine
H Tetrahydrofuran
I Ethyl acetate

EN ISO 374-1



Type B
X Y Z

J n-Heptane
K Sodium hydroxide 40%
L Sulphuric acid 96%
M Nitric acid 65%
N Acetic acid 99%
O Ammonia 25%
P Hydrogen peroxide 30%
S Hydrofluoric acid 40%
T Formaldehyde 37%

EN ISO 374-1



Type C

MICRO-ORGANISMS

EN ISO 374-5



Protection against bacteria, fungi

EN ISO 374-5



Protection against bacteria, fungi, virus

VIRUS



COLD HAZARDS

PERFORMANCE LEVELS

0-4 0-4 0 or 1
 └─ Water permeability
 └─ Contact cold resistance
 └─ Convective cold resistance



RADIOACTIVE CONTAMINATION



CUT

CUT RESISTANCE

A1 ≥ 200 G **A4** ≥ 1500 G **A7** ≥ 4000 G
A2 ≥ 500 G **A5** ≥ 2200 G **A8** ≥ 5000 G
A3 ≥ 1000 G **A6** ≥ 3000 G **A9** ≥ 6000 G

For more details: www.mapa-pro.com

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SPECIFIC ADVANTAGES

- Longer service life and good impact protection, due to the thickness of the material
- Previous name : Industrial 299

MAIN FIELDS OF USE

Other industries

- Maintenance in wet environments

Mechanical industry

- Maintenance in wet environments (water, oil, greases, hydrocarbons)

Construction Industry (Heating engineers/Plumbers)

- Emptying and cleaning septic tanks

INSTRUCTIONS FOR USE

Instructions for use

- It is recommended to check that the gloves are suitable for the intended use, because the conditions of use at workplace may differ from the "CE"-type tests.
- It is not recommended for persons sensitized to natural latex, thiazols and dithiocarbamates to use these gloves.
- Put the gloves on dry, clean hands.
- Do not use the gloves in contact with a chemical for a duration in excess of the measured breakthrough time. Refer to the website www.mapa-pro.com or contact the Technical Customer Service - MAPA PROFESSIONNEL (stc.mapaspontex@mapaspontex.fr) in order to know this breakthrough time. Use 2 pairs alternatively when in long duration contact with a solvent.
- Turn the cuff end down in order to prevent a hazardous chemical from dripping onto the arm.
- Inspect the gloves for cracks or snags before reusing them.

Storage conditions

- Store the gloves in their original packaging protected from direct sunlight, far from heat sources or electric equipment.

Laundering conditions

- Before taking off the gloves, clean them as appropriate :
- in use with a solvent (ketone, etc...) : rub over with a dry cloth
- in use with acids or alkalies : thoroughly rinse the gloves under running water, and rub over with a dry cloth
- Caution : improper use of the gloves or submitting them to another cleaning or laundering process can alter their performance levels.

Drying conditions

- Ensure the inside of the gloves is dry before putting them on again.

LEGISLATION

This product is not classified hazardous according to the regulation (EC) n°1272/2008 of the European Parliament and of the Council. This product does not contain more than 0.1 % of substance of very high concern (SVHC) or any substance included in the annex XVII of the regulation n° 1907/2006 of the European Parliament and of the Council (REACH).

- **UE type certificate or CE type examination certificate** : 0075/014/126/09/18/2001
- **Issued by the notified body nr** : 0075 - C.T.C. – 4 rue Hermann Frenkel - F- 69367 LYON Cedex 07
- **Quality assurance certificat** : 0334 Asqual 14 rue des Reculettes -F-75013 PARIS