

Alto 299

DESCRIPTION AND GENERAL PROPERTIES

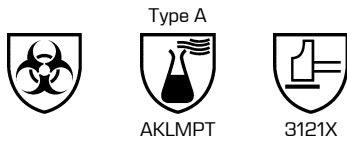
- **Material** Natural latex
- **Length (cm)** 31
- **Thickness (mm)** 0.90
- **Wrist** Straight cuff
- **Colour/Color** Orange
- **Interior finish** Flocked
- **Exterior finish** Embossed texture
- **Size / EAN** 7 8 9 10
- **Packaging** 1 pair/bag - 5 pairs/box - 50 pairs/carton



PERFORMANCE RESULTS

Certification category 3

CE 0334



Dexterity EN 420 : 5/5

AKLMPT

3121X

Legends

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

PROTECTION FROM PESTICIDES		
ISO 18889	ISO 18889	ISO 18889
G1	G2	GR

CHEMICAL RISKS		
EN ISO 374-1	EN ISO 374-1	EN ISO 374-1
Type A	Type B	Type C
U V W X Y Z	X Y Z	

EN 511	COLD HAZARDS
	PERFORMANCE LEVELS
	0-4 0-4 0 or 1
	Water permeability
	Contact cold resistance
	Convective cold resistance

EN ISO 374-5	MICRO-ORGANISMS	EN ISO 374-5
	Protection against bacteria, fungi	
		Protection against bacteria, fungi, virus
		VIRUS

A Methanol	J n-Heptane
B Acetone	K Sodium hydroxide 40%
C Acetonitrile	L Sulphuric acid 96%
D Dichloromethane	M Nitric acid 65%
E Carbon Disulfide	N Acetic acid 99%
F Toluene	O Ammonia 25%
G Diethylamine	P Hydrogen peroxide 30%
H Tetrahydrofurane	S Hydrofluoric acid 40%
I Ethyl acetate	T Formaldehyde 37%

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

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

RADIOACTIVE CONTAMINATION
EN 421

ELECTROSTATIC DISCHARGE PROTECTION
EN 16350

For more details: www.mapa-pro.com

MAPA[®]
PROFESSIONAL

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 alkalis : 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