

Alto 415

DESCRIPTION AND GENERAL PROPERTIES

- **Material** Neoprene and natural latex
- **Length (cm)** 32
- **Thickness (mm)** 0.60
- **Wrist** Straight cuff
- **Colour/Color** Black
- **Interior finish** Flocked
- **Exterior finish** Embossed texture
- **Size / EAN** 6 7 8 9 10 11
- **Packaging** 1 pair/bag - 10 pairs/bag - 100 pairs/carton
- **Complementary information** Guaranteed without silicone



PERFORMANCE RESULTS

Certification category 3

CE 0334



Dexterity EN 420 : 5/5

KMT

1011X

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

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

PROTECTION FROM PESTICIDES

ISO 18889	ISO 18889	ISO 18889
G1	G2	GR

MICRO-ORGANISMS

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

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	
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%	

RADIOACTIVE CONTAMINATION



ELECTROSTATIC DISCHARGE PROTECTION



EN 388 MECHANICAL HAZARDS

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

For more details: www.mapa-pro.com

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PROFESSIONAL

SPECIFIC ADVANTAGES

- Tactile sensitivity, due to the gloves reduced thickness
- Comfort and perspiration absorption, due to the cotton flock-lining
- Good grip, due to the non-slip embossing
- Previous name: Techni-Mix 415

MAIN FIELDS OF USE

Automotive/mechanical industry

- Spray-painting

Other industries

- Industrial cleaning, maintenance

Aeronautics industry

- Work with composite materials (resins)

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, dithiocarbamates and thiazoles 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 (alcohols, etc...) : rub over with a dry cloth
- in use with acids or alkalines : thoroughly rinse the gloves under running water, and rub over with a dry cloth
- Caution : improper use of the gloves or submitting them to a cleaning or laundering process that is not specifically recommended 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** : 0075/014/162/08/18/1643
- **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