



2025 CATALOGUE

PROTECTIVE GLOVES

MAPA[®]
PROFESSIONAL

The future is
in our hands

A TRUSTED COMPANY

At Mapa Professional, our vision is that the hand protection industry is rooted in the absolute trust that users place in their gloves. We firmly believe this trust can only be built through permanent user-centric approach, effective innovation capacity and positive collaboration among all stakeholders.

Our mission is protecting millions of hands worldwide through hand in hand collaboration with users, customers and partners to develop and provide reliable, sustainable and high-performing hand protection solutions.

Mapa professional protects the most valuable hands in the world, yours.



A unique expertise, built on more than 45 years of experience, market knowledge and research and innovation capabilities.

We have a whole dedicated team to understanding our users' needs and to designing solutions suitable for use at workstations for most industries.



2 R&D centres in France and Malaysia
60 engineers and technicians



Integrated production
3 factories worldwide



1 Application laboratory

Reproducing real glove use conditions with internal tests going beyond regulatory standards (grip, durability, dexterity, contact heat).



1 Customer Engineering Department
stc.mapaspontex@newellco.com

MAPA PROFESSIONAL introduces its

Corporate Social Responsibility initiative "Our Caring Actions"

Our long-term perspective centres around a process of continuous improvement to develop more responsible sourcing, mitigate our environmental impact and improve social standards with concrete actions and specific goals.

We are striving to meet our stakeholders' expectations whilst working towards a greener future in which we play an active role in terms of sustainability as we firmly believe that all our efforts, our caring actions for you, for us, no matter how big or small, once combined and multiplied, will have a positive impact.



Regulation (EU) 2016/425

Why a PPE Regulation?

Protective gloves are PPE (Personal Protective Equipment) and must comply with the European Regulation 2016/425 in order to freely circulate within the European Union.

The Regulation 2016/425 contains the requirements that PPE must satisfy to guarantee the health and safety of users.

That means that PPE must protect up to the required levels without compromising the user's health.

Harmonised European standards (EN 388, EN ISO 374-1...) are used in the certification process to assess conformity of the product to the requirements of the PPE Regulation in relation to the risks against which the product is intended to offer protection.

The manufacturer must indicate the conformity of the product by CE marking it. He must also provide a EU declaration of conformity.

PPE Regulation (EU) 2016/425

This European Regulation was implemented on 21 April 2018. It replaced the European Directive 89/686/EC, which was withdrawn on this same date.

Regulation (EU) 2016/425 and Directive 89/656/EEC

Regulation (EU) 2016/425 stipulates the essential health and safety requirements for designing and manufacturing PPE, as well as the responsibility of manufacturers or importers and conformity procedures to affix the CE marking on PPE.

Directive 89/656/EEC is dedicated to professional users of PPE. It lays down the responsibilities of employers to supply their employees with adequate CE-marked PPE and ensure their safe use.

CATEGORIES OF RISK AND CORRESPONDING CERTIFICATION PROCEDURE

CAT 1

Minimal risks only. The manufacturer is responsible for the conformity of its products.

CAT 2

Risks other than CAT 1 and CAT 3. CE-certificate of conformity obtained from a Notified Body.

CAT 3

Risks causing irreversible damage to health. CE-certificate of conformity and conformity of the production from Notified Bodies.






Standards Highlights

PROTECTION AGAINST PESTICIDES ISO 18889: 2019 STANDARD

Protective gloves for pesticide operators and re-entry workers

GLOVE CLASSIFICATION

Protective gloves are classified into 2 categories:

WHOLE HAND PROTECTION GLOVE		PARTIAL HAND PROTECTION GLOVE (fingertips and palm-side)
Relatively low potential risk	Higher potential risk	
G1 gloves	G2 gloves	GR gloves
		
ISO 18889	ISO 18889	ISO 18889
Handling diluted pesticides. No mechanical risk.	Handling diluted or concentrated pesticides. Minimum mechanical resistance requirement.	Re-entry worker who is in contact with dry and partially dry pesticide residues that remain on the plant after pesticide application. Mechanical properties that are required for several re-entry tasks. Breathable material in the back of the hand provides comfort.
Disposable gloves	Chemical gloves	High dexterity mechanical gloves

EN 407

Protective gloves and other hand protective equipments against thermal risks

The **EN 407** standard has been revised recently.

The main reason for the revision is the **inclusion of thermal protection articles for private use (oven gloves, potholders, etc) in the new PPE Regulation (EU) 2016/425**

→ The performance levels remain unchanged!

The major change is the integration of a new pictogram.

For gloves resistant to flame




For gloves Non-resistant to flame



STATIC ELECTRICITY

Standards dealing with electrostatic properties.

Working in ATEX zones or handling electronic devices both require gloves that are dissipative. Since there is no specific standard for ESD (electrostatic discharge) gloves, MAPA PROFESSIONAL follows the strict EN 16350 standard for ATEX gloves. Gloves that meet this standard are also suitable for handling electronic devices.

GLOVES STANDARDS	REQUIREMENT	TEST METHOD	PICTOGRAM
ATEX environment	EN 16350 Vertical resistance: <math><10^8 \Omega</math> at 25% relative humidity <i>*The tests must be performed on 5 samples which must all pass the limit of vertical resistance</i>	EN 1149-2	Introduced in EN ISO 21420: 2020 EN 16350 
Protection of electronic devices from ElectroStatic Discharge (ESD)	No standard	No test method	No pictogram

EN ISO 21420

The **EN 420** standard was revised in 2020 becoming standard **EN ISO 21420**.

The revised **EN ISO 21420** standard for protective gloves includes these key updates:

- **Innocuousness:** Limits on harmful substances like DMFa and PAHs in gloves.
- **Electrostatic Properties:** New EN 16350 pictogram for gloves suitable in ATEX zones, with other electrostatic standards (EN 1149) still applicable.
- **Glove Sizing:** No minimum length requirement; sizes based on hand dimensions.
- **Glove Marking:** Must include manufacturing and obsolescence dates for traceability.
- **Instructions for Use:** Must provide detailed guidance on usage, hygiene, and warnings (with allergens listed upon request).

How to read the standards

The following pictograms can help you understand the performance characteristics of a glove:

MECHANICAL PROTECTION	CHEMICAL AND MICRO-ORGANISMS PROTECTION	OTHERS	THERMAL PROTECTION																																
<p>MECHANICAL HAZARDS EN 388</p> <p>4 3 4 3 C (P)</p> <p>Protection against impacts (P)</p> <p>From A to F' ISO 13997 cut resistance</p> <p>From 0 to 4 Puncture resistance</p> <p>From 0 to 4 Tear resistance</p> <p>From 0 to 5 Couptest cut resistance</p> <p>From 0 to 4 Abrasion resistance</p> <table border="1"> <tr> <td>Cut Level</td> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> <td>F</td> </tr> <tr> <td>Cut Resistance (Newtons)</td> <td>≥2</td> <td>≥5</td> <td>≥10</td> <td>≥15</td> <td>≥22</td> <td>≥30</td> </tr> </table>	Cut Level	A	B	C	D	E	F	Cut Resistance (Newtons)	≥2	≥5	≥10	≥15	≥22	≥30	<p>CHEMICAL PROTECTION EN ISO 374-1</p> <p>EN ISO 374-1 / TYPE A U V W X Y Z</p> <p>Resistance to penetration EN 374-2 Breakthrough time ≥ 30 min for at least 6 chemicals on the list (EN 16523-1)</p> <p>EN ISO 374-1 / TYPE B X Y Z</p> <p>Resistance to penetration EN 374-2 Breakthrough time ≥ 30 min for at least 3 chemicals on the list (EN 16523-1)</p> <p>EN ISO 374-1 / TYPE C</p> <p>Resistance to penetration EN 374-2 Breakthrough time ≥ 10 min for at least 1 chemical on the new list (EN 16523-1)</p> <p>Degradation test according to EN 374-4 is undertaken without performance level requirement</p> <p>LETTER CODE</p> <table border="0"> <tr> <td>A Methanol</td> <td>G Diethylamine</td> <td>M Nitric acid 65 %</td> </tr> <tr> <td>B Acetone</td> <td>H Tetrahydrofuran</td> <td>N Acetic acid 99%</td> </tr> <tr> <td>C Acetonitrile</td> <td>I Ethyl acetate</td> <td>O Ammonia 25%</td> </tr> <tr> <td>D Dichloromethane</td> <td>J n-Heptane</td> <td>P Hydrogen peroxide 30%</td> </tr> <tr> <td>E Carbon disulphide</td> <td>K Sodium hydroxide 40%</td> <td>S Hydrogen fluoride 40%</td> </tr> <tr> <td>F Toluene</td> <td>L Sulphuric acid 96%</td> <td>T Formaldehyde 37%</td> </tr> </table> <p>MICRO-ORGANISMS PROTECTION EN ISO 374-5</p> <p>The gloves must pass the penetration resistance test EN 374-2.</p> <p>EN ISO 374-5 For gloves protecting against bacteria and fungi.</p> <p>EN ISO 374-5 For gloves protecting against bacteria, fungi and viruses.</p> <p>VIRUS</p> <p>If virus protection is claimed, glove has to pass ISO 16604 method B (Phi-X174 bacteriophage)</p>	A Methanol	G Diethylamine	M Nitric acid 65 %	B Acetone	H Tetrahydrofuran	N Acetic acid 99%	C Acetonitrile	I Ethyl acetate	O Ammonia 25%	D Dichloromethane	J n-Heptane	P Hydrogen peroxide 30%	E Carbon disulphide	K Sodium hydroxide 40%	S Hydrogen fluoride 40%	F Toluene	L Sulphuric acid 96%	T Formaldehyde 37%	<p>RADIOACTIVE CONTAMINATION EN 421:2010</p> <p>WITH NO PERFORMANCE LEVELS</p> <p>PROTECTION AGAINST PESTICIDES ISO 18889</p> <p>G1 ISO 18889 Resistance to diluted pesticides/ no mechanical risk</p> <p>G2 ISO 18889 Resistance to diluted and concentrated pesticides/ mechanical risk</p> <p>GR ISO 18889 Re-entry tasks</p> <p>PROTECTION AGAINST STATIC ELECTRICITY EN 16350</p>	<p>COLD HAZARD EN 511</p> <p>3 2 1</p> <p>0 or 1 Water permeability</p> <p>From 0 to 4 Contact cold resistance</p> <p>From 0 to 4 Convective cold resistance</p> <p>HEAT AND FIRE EN 407</p> <p>X 2 X X X X</p> <p>From 0 to 4 Resistance to large quantities of molten metal</p> <p>From 0 to 4 Resistance to small drops of molten metal</p> <p>From 0 to 4 Radiant heat resistance</p> <p>From 0 to 4 Convective heat resistance</p> <p>From 0 to 4 Contact heat resistance</p> <p>From 0 to 4 Limited flame spread</p>
Cut Level	A	B	C	D	E	F																													
Cut Resistance (Newtons)	≥2	≥5	≥10	≥15	≥22	≥30																													
A Methanol	G Diethylamine	M Nitric acid 65 %																																	
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C Acetonitrile	I Ethyl acetate	O Ammonia 25%																																	
D Dichloromethane	J n-Heptane	P Hydrogen peroxide 30%																																	
E Carbon disulphide	K Sodium hydroxide 40%	S Hydrogen fluoride 40%																																	
F Toluene	L Sulphuric acid 96%	T Formaldehyde 37%																																	

X: the test does not apply or the glove has not been tested

HOW TO READ THIS CATALOGUE?

Step 1: Identify your protection needs

PAGE 14
Chemical protection
Disposable
Reusable

PAGE 34
Mechanical protection
Cut protection
Handling protection

PAGE 54
Thermal protection

PAGE 56
Food expert range

PAGE 64
Critical environment protection

Step 2: Define the type of glove

Define the type of gloves that best meets your needs in terms of:

- **usage** (performance, comfort, environment, wearing time),
- **the environment and the risks involved.**

Step 3: Select the most appropriate reference

Select the most appropriate product to meet your needs with the help of the main technical characteristics table.

INTERNAL PVC		INTERNAL NATURAL LATEX			INTERNAL LATEX MIX	
frequent CONTACT		splashes				
continuous WEAR		short WEAR		intermittent WEAR		
TELSOL 369	TELSOL 351	VITAL 175	VITAL 520	VITAL 165	VITAL 115	VITAL 180
Good mechanical protection against low chemical hazards	Comfort, flexibility and mechanical protection for low chemical hazards	Dexterity and flexibility for light aggressive environments	Dexterity and flexibility in light aggressive environments	Light glove, supple and flexible	Precision dexterity in non-aggressive environments	Dexterity and better resistance to oils and greases

How to read the pictograms?

MANUFACTURE
Fitting and assembling parts
Paint spraying
Handling chemical compounds
Manufacturing composites
Handling chemical drums

AERONAUTICS
Work with composite materials (resins)

TRANSPORT
Maintenance of transport routes:
rail - automobile - maritime - air

HEALTH
Pharmaceutical preparation
Medical manufacturing
Research
Hospitals and clinics

FOOD AND DRINK INDUSTRY
Food handling and preparations

CONSTRUCTION INDUSTRY
Handling construction materials
Glazing

MARITIME
Cultivation of fishing products

AGRICULTURE
Handling of diluted and concentrated pesticides
Re-entry tasks

ENERGY
Nuclear, wind turbine,
petrochemical industries

CLEANING
Handling of detergents
Industrial cleaning
Small general maintenance jobs

PACKAGING INFORMATION

Pair/Bag Pairs/Masterbag Pairs/Carton

UNDERSTANDING THE SPECIFIC FEATURES OF A GLOVE FOR AN INFORMED CHOICE

Different cuff edging depending on your use



Safety cuff

Wrist protection, quick glove removal and good ventilation of the hand. Perfect for jobs with a risk of entanglement.



Knitted cuff

Provides a good fit for the hand and protects the wrist



Straight cuff

Improved hand ventilation



Rolled cuff

Reduces the risk of tearing when doffing gloves



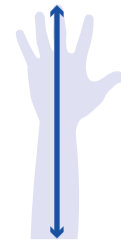
Scalloped cut

Longer service life for the glove

Shapes, sizes and thicknesses

Glove length

They must be chosen in accordance with the risks associated with the handling circumstances, to give more or less protection to the forearm. They generally vary between 22 and 60 cm.



Glove thickness

This influences the user's dexterity and the performance of the glove. Varies between 0.1 and 2.5 mm.



Glove size

This depends on the circumference of the user's palm, and varies from size 5 to 11. This affects usage comfort.



Size	XXS	XS	S	M	L	XL	XXL
	5	6	7	8	9	10	11
Wrist band color	Red	White	Green	Grey	Yellow	Brown	Blue

For most of our mechanical gloves, each color on the glove wrist band corresponds to a glove size.

Anatomical or ambidextrous gloves

Anatomical gloves

A glove is called anatomical when there is one shape for the left hand and another for the right.

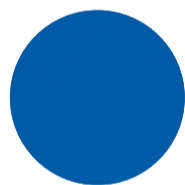


Ambidextrous gloves

Ambidextrous gloves can be worn equally well on either hand; this is mainly the case for thinner gloves.

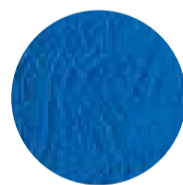


Various external finishes to suit your needs



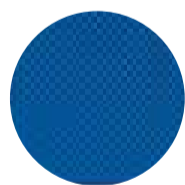
Smooth

No marking of objects being handled



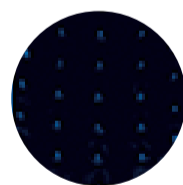
Reinforced grip

Excellent grip in wet environment



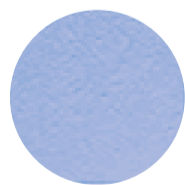
Non-slip embossed

Excellent grip in oily environments



Dot embossing

Improved thermal insulation



Pebbled

Good grip and minimal glove fouling



Embedded grip

Excellent grip in dry and greasy environments

The different types of internal finish

Powdered

Makes it easier to don and doff gloves, without having to increase the thickness of the glove.

Chlorinated/Easy donning treatment

Makes it easier to don and doff gloves without increasing the thickness and without using powder.

Reduces the allergy risk of natural latex gloves.

Flocked

Cotton-based textile fibres, covering the inside of the gloves.


Fleeced feel comparable with that of a fine carpet.

Good sweat absorption.

Textile support

Knitted interior, made from cotton or synthetic materials for increased comfort or specific performance.

MAPA has developed an exclusive technology for manufacturing a glove with textile support. This improves comfort for the user.

Use the «Ultracomfort» pictogram  to locate this technology.

The different textile types:

Cotton

Comfort, thermal insulation and sweat absorption.

Polyamide

Optimised dexterity (thin, seamless).

Para-aramid

Cut and heat resistance.

High density polyethylene

Cut-resistance and optimised dexterity.

MAPA TECHNOLOGIES (SEE NEXT PAGE)



Increased protection against acids for high end performance



Embedded optimal grip to safely handle tasks in dry & greasy environments



Excellent grip in oily environments combined with liquid-proof protection in palm area



Comfort and allows hand to breathe without compromising durability

UNDERSTANDING OUR TECHNOLOGIES



Our **TOPCHEM** technology offers increased protection against acids for high end performance



COMFORT

- Flexibility and suppleness for ease of movement
- Optimal grip prevents hand fatigue

RESISTANCE

- The specific combination of polymers provides a better degradation performance to acids
- Good mechanical resistance

DURABILITY

- Extended use guaranteed by our process
- Higher durability allows a better productivity

Thanks to our expertise and reliable use testing, MAPA PROFESSIONAL has designed a product with TOPCHEM technology to protect against acids. This technology is used in our **ULTRANITRIL 410**.

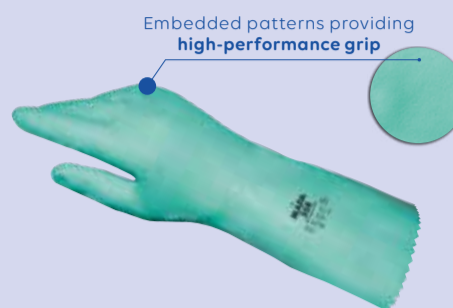
ULTRANITRIL 410



Handling and repackaging chemicals



Our **ADVANCED GRIP** technology offers an embedded optimal grip to safely handle tasks in dry & greasy environments



GRIP

- Embedded patterns to:
- Reduce hand fatigue: less effort when gripping objects in dry & greasy environments
 - Improve productivity: more efficient tasks and greater precision
 - Enhance safety: secure grip reducing the risk of injuries caused by slipping or dropping objects

RESISTANCE

- Chemical protection against a wide range of chemicals such as alcohols, hydrocarbons, oils & greases
- Contact heat resistance due to the high quality cotton-knit liner

COMFORT

- Very supple glove providing high dexterity
- Good fingertips sensitivity

Thanks to our expertise and reliable use testing, MAPA PROFESSIONAL has designed an ideal glove with secure grip & chemical protection for safe work in dry & greasy environments.

ULTRANITRIL 358



Automotive assembly



Our **GRIP&PROOF** coating technology offers the following benefits for use in oily and dirty environments



GRIP

- Excellent grip when handling oily parts with or without cut risks
- Prevents the risk of dropping objects
- Reduction in muscle fatigue and risk of RSI (Repetitive Strain Injury)
- Improves productivity

RESISTANCE

- The durable coating allows long-lasting use
- Glove stays clean and effective for longer due to its liquid resistance
- Optimised costs

SKIN PROTECTION

- Impermeable at strategic points
- Protects from irritant oils
- Reduces the wearer's risk of eczema and dermatitis

Thanks to our expertise and reliable use testing, MAPA PROFESSIONAL has designed a range of gloves with or without cut protection, with GRIP&PROOF technology for oily or greasy environments. This technology is used in our **ULTRANE** and **KRYTECH** ranges.

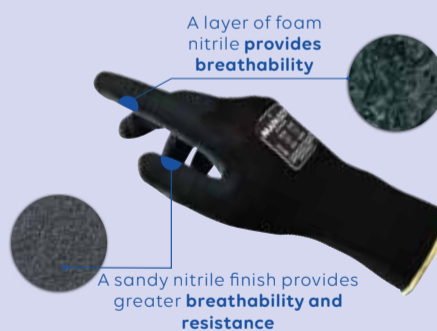
KRYTECH 599



Handling and installing metal structures



Our **RESICOMFORT** coating technology offers the following benefits for precise handling operations in dry environments



COMFORT AND BREATHABILITY

- Excellent dexterity at fingertips
- Second skin effect
- Suppleness and flexibility
- Breathability: Greater circulation of air protects against sweat

DURABILITY

- Extended use guaranteed by our exclusive process
- Resistance to friction thanks to a highly resistant coating
- Optimised costs

SKIN PROTECTION

- DMF free
- Free from harmful substances
- STANDARD 100 by OEKO-TEX®

Thanks to our expertise and reliable use testing, MAPA PROFESSIONAL has designed a range of gloves with or without cutting protection, with RESICOMFORT technology for dry environments. This technology is used in our **ULTRANE** and **KRYTECH** ranges.

ULTRANE 527



Mechanical maintenance

CHEMICAL PROTECTION

Chemical hazards are not confined to the chemical industry. Many people, in a variety of sectors such as manufacturing, agriculture, healthcare, cleaning, construction, mining, pharmaceuticals, food processing, and automotive industries, are faced with chemical risks when handling products which are aggressive to a greater or lesser extent (oils, acids, solvents, etc.).

In order to meet the wide variety of aggressive situations that exist across industries, Mapa Professional offers a wide range of protective gloves designed using various polymers (latex, nitrile, polychloroprene, butyl and fluoroelastomer). These polymers behave differently and provide specific protection based on the customer needs.



Discover our new chemical glove selection tool
To find the optimal protective glove according to your chemical risk, conditions of use and specific needs.



Try me

THE MAPA GUIDE: 2 PERFORMANCE INDICATORS

To characterise the performance of the elastomers and plastics used to manufacture safety gloves, tests are carried out to determine the behaviour of these materials when confronted with the various families of chemical products.

1. PERMEATION TIME

The permeation time for a given chemical product, i.e. the time taken for the chemical to penetrate the glove, at a molecular level; in some cases, there is no visible deterioration of the glove.

Mapa Professional takes these different parameters into account to determine the relative performance of the different families of gloves and hence help you make the best possible choice.

2. DEGRADATION INDEX

The degradation index of the glove in contact with a given chemical product, i.e. the degree of deterioration of the glove shown by an alteration of its physical properties (e.g. softening, hardening, etc.).

SELECT THE MOST APPROPRIATE CHEMICAL GLOVE FOR YOUR NEEDS USING THE THREE STAGES BELOW:

1 Identify which family of chemical products the substance you are handling belongs to ▼			2 Determine the most appropriate protective material for your specific application. ▼				3 Choose your gloves according to the level of protection you require. next pages ▶	
YOU ARE HANDLING	CAS	EN 374	PVC	NATURAL LATEX	NITRILE	POLY-CHLOROPRENE	BUTYL	FLUORO-ELASTOMER
			Common polymers*				Specific polymers**	
			RECOMMENDATION BY MAPA PROFESSIONAL		● Light protection	●● Strong protection	●●● Optimal protection	
ALCOHOLS (methanol 100%)	67-56-1	A		●	●	●●	●●●	●●
KETONE (acetone 100%)	67-64-1	B		●		●	●●●	
NITRILES (acetonitrile methyl cyanide 99%)	75-05-8	C				●	●●●	●
CHLORINATED SOLVENTS (methylene chloride/dichloromethane 99%)	75-09-2	D						●
SULPHUR-BASED CHEMICALS (carbon disulphide 100%)	75-15-0	E			●			●●●
AROMATIC SOLVENTS (toluene 100%)	108-88-3	F			●			●●●
AMINES (diethylamine 98%)	109-89-7	G			●			●●
ETHERS (tetrahydrofuran (THF) 100%)	109-99-9	H			●	●	●	●
ESTERS (ethyl acetate 99%)	141-78-6	I			●	●	●●●	
ALIPHATIC SOLVENTS (heptane 99%)	142-82-5	J	●		●●●	●●		●●●
ALKALIS (sodium hydroxide (soda) 40%)	1310-73-2	K	●●●	●●●	●●●	●●●	●●●	●●●
OXIDISING ACID (sulphuric acid 96%)	7664-93-9	L	●	●		●●	●●●	●●●
OXIDISING ACID (nitric acid 65%)	7697-37-2	M	●	●●●		●●●	●●●	●●●
ORGANIC ACID (acetic acid 99%)	64-19-7	N	●	●		●●●	●●●	●●
ORGANIC BASE (ammonia 25%)	1336-21-6	O	●	●	●●		●●●	●●
PEROXIDE (hydrogen peroxide 30%)	7722-84-1	P	●●●	●●●	●●●	●●●	●●●	●●●
HYDROFLUORIC ACID (hydrogen fluoride 40%)	7664-39-3	S		●●●		●●●	●●●	●●
ALDEHYDE (formaldehyde 37%)	50-00-0	T	●●●	●●●	●●●	●●●	●●●	●●●

* The most frequently used materials for manufacturing chemical protection gloves.

** Protection targeted against certain aggressive chemical product families, these are more stringent than for standard materials.



ADVANTAGES

RESTRICTIONS

Value for money
Mechanical strength

Not suitable for handling hot parts

Excellent flexibility
Good puncture and tearing resistance
Suitable for cold environments

Risk of allergies caused by the proteins in the natural latex

Good puncture and abrasion resistance
No risk of protein-related allergies

Not recommended for cold environments

Good flexibility
Good thermal resistance

Poor mechanical properties

Excellent chemical resistance
Flexible and elastic

Poor mechanical properties

High chemical resistance

CHEMICAL PROTECTION

REUSABLE: TELSOL - VITAL RANGE



HOW CAN YOU REFINE YOUR CHOICE?

- 1 RISK**
Combination between contact time and the aggressiveness of the chemical being handled. Choose the performance of your gloves based on the type of risk:
- splashes**
Chemical substances diluted by immersion or splashes of aggressive substances
 - frequent contact**
Pure or mixed chemical substances in frequent contact
 - prolonged contact (or immersion)**
Pure or mixed chemical substances in frequent contact

- 2 WEAR TIME**
Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).
- short wear**
Chlorinated interior finish
 - intermittent wear**
Flocked interior finish
 - continuous wear**
Fabric-lined interior finish
 - ultra-comfort wear**
MAPA exclusive technology providing greater flexibility



NEW:
Discover our FSC® Latex gloves range

MATERIAL PVC		MATERIAL NATURAL LATEX				MATERIAL LATEX MIX	
frequent CONTACT		splashes					
continuous WEAR		short WEAR		intermittent WEAR			
TELSOL 369 <p>Good mechanical protection against low chemical hazards</p>	TELSOL 351 <p>Comfort, flexibility and mechanical protection for low chemical hazards</p>	VITAL 175 <p>Dexterity and flexibility for light aggressive environments</p>	VITAL 520 <p>Dexterity and flexibility in light aggressive environments</p>	VITAL 165 <p>Light glove, supple and flexible</p>	VITAL 115 <p>Precision dexterity in non-aggressive environments.</p>	VITAL 180 <p>Dexterity and better resistance to oils and greases</p>	
Internal finish Textile support	Internal finish Textile support	Internal finish Chlorinated	Internal finish Powdered	Internal finish Flocked	Internal finish Flocked	Internal finish Flocked	
External finish Pebbled	External finish Pebbled	External finish Non-slip embossed	External finish 520: Smooth 540: Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed	
Size 9 10	Size 8 9 10	Size 6 7 8 9 10	Size 520: 6 7 8 9 540: 8 9 10	Size 7 8 9 10	Size 115: 6 7 8 9 117/124: 6 7 8 9 10	Size 6 7 8 9 10	
Length 35 cm	Length 30 cm	Length 31 cm	Length 520: 33 cm 540: 31 cm	Length 30 cm	Length 30.5 cm	Length 30 cm	
Thickness 1.20 mm	Thickness 1.35 mm	Thickness 0.40 mm	Thickness 0.40 mm	Thickness 0.29 mm	Thickness 0.35 mm	Thickness 0.40 mm	
CAT 3	CAT 3	CAT 3	CAT 3	CAT 1	CAT 3	CAT 3	
EN 388 3131X EN ISO 374-1 TYPE B KPT	EN 388 4121X EN ISO 374-5 TYPE A KLMNPT	EN 388 0010X EN ISO 374-1 TYPE B KPT	EN 421:2010 EN ISO 374-5 VIRUS* (*VITAL 175)	EN 388 0010X EN 421:2010 EN ISO 374-1 TYPE B KMP (VITAL 520) KPT (VITAL 540)	EN 421:2010 EN ISO 374-1 TYPE B KPT	EN ISO 374-5 VIRUS EN 388 0010X	EN 388 1110X EN ISO 374-1 TYPE B KPT

CHEMICAL PROTECTION

REUSABLE: ALTO - JERSETTE RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 RISK
Combination between contact time and the aggressiveness of the chemical being handled. Choose the performance of your gloves based on the type of risk:

- splashes**
Chemical substances diluted by immersion or splashes of aggressive substances
- frequent contact**
Pure or mixed chemical substances in frequent contact
- prolonged contact (or immersion)**
Pure or mixed chemical substances in frequent contact

2 WEAR TIME
Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

- short wear**
Chlorinated interior finish
- intermittent wear**
Flocked interior finish
- continuous wear**
Fabric-lined interior finish
- ultra-comfort wear**
MAPA exclusive technology providing greater flexibility



NEW:
Discover our FSC® Latex gloves range

MATERIAL LATEX MIX		MATERIAL NATURAL LATEX		
frequent CONTACT				
intermittent WEAR		short WEAR	continuous WEAR	
ALTO 405 ACTIVATED Precision dexterity in aggressive environments <small>designed in partnership with </small>	ALTO 415 Fine touch for light chemical protection	ALTO 258 Strong protection against aggressive detergents	JERSETTE 307 Exceptional comfort and precision dexterity in light aggressive environments	JERSETTE 300 Maximum comfort for long-term work in aggressive environments <small>*FSC® only for 300 & 301</small>
Internal finish Flocked External finish Non-slip embossed Size 6 7 8 9 10 Length 33 cm Thickness 0.70 mm	Internal finish Flocked External finish Non-slip embossed Size 6 7 8 9 10 11 Length 32 cm Thickness 0.60 mm	Internal finish Flocked External finish Non-slip embossed Size 6 7 8 9 10 Length 32 cm Thickness 0.60 mm	Internal finish Textile support External finish Pebbled Size 6 7 8 9 Length 31 cm Thickness 0.75 mm	Internal finish Textile support External finish 300/308: Smooth 301: Pebbled Size 300/301: 5 6 7 8 9 10 308: 6 7 8 9 10 Length 30-32 cm Thickness 1.15 mm *Only for 308, see food compatibility chart, p. 56
CAT 3 EN 388 2110X EN ISO 374-1 TYPE B KMT EN ISO 374-5 VIRUS EN 421:2010	CAT 3 EN 388 1011X EN ISO 374-1 TYPE B KMT EN ISO 374-5 EN 421:2010	CAT 3 EN 388 1110X EN ISO 374-1 TYPE B KPS EN ISO 374-5 EN 421:2010	CAT 2 EN 388 2120X EN 407 X1XXXX	CAT 3 EN 388 2131X EN ISO 374-1 TYPE B KPT EN 407 X1XXXX
x1 x10 x100		x1 x5 x50		

CHEMICAL PROTECTION

REUSABLE: HARPON - ALTO RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 RISK
Combination between contact time and the aggressiveness of the chemical being handled.
Choose the performance of your gloves based on the type of risk:

- splashes**
Chemical substances diluted by immersion or splashes of aggressive substances
- frequent contact**
Pure or mixed chemical substances in frequent contact
- prolonged contact (or immersion)**
Pure or mixed chemical substances in frequent contact

2 WEAR TIME
Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

- short wear**
Chlorinated interior finish
- intermittent wear**
Flocked interior finish
- continuous wear**
Fabric-lined interior finish
- ultra-comfort wear**
MAPA exclusive technology providing greater flexibility

MATERIAL NATURAL LATEX				
frequent CONTACT		prolonged CONTACT		
continuous WEAR	short WEAR		intermittent WEAR	
HARPON 321 Comfort and safety when gripping heavy, rough or slippery objects in highly-aggressive settings	ALTO 298 Good mechanical performance for long-lasting chemical protection	ALTO 285 Good mechanical performance for long-lasting chemical protection	ALTO 260 A good choice when dexterity and chemical protection is needed for extended wear	ALTO 299 Good mechanical performance for long-lasting chemical protection
Internal finish Textile support External finish Reinforced grip Size 321: 6 7 8 9 10 325: 8 9 10 Length 321: 32 cm 325: 37 cm Thickness 1.35 mm	Internal finish Chlorinated External finish Smooth Size 8 9 10 Length 43 cm Thickness 1.05 mm	Internal finish Chlorinated External finish Reinforced grip Size 8 9 10 Length 60 cm Thickness 1 mm	Internal finish Flocked External finish Non-slip embossed Size 7 8 9 10 11 Length 32 cm Thickness 0.80 mm	Internal finish Flocked External finish Non-slip embossed Size 7 8 9 10 Length 31 cm Thickness 0.90 mm
CAT 3				
3141X KPT X2XXXX	3131X AKLMPT 	2131X ABKMPT 	2120X AKLMPT 	3121X AKLMPT
x1 x5 x50	x1 x5 x50	x1 x30	x1 x10 x50	x1 x5 x50

CHEMICAL PROTECTION REUSABLE: ULTRANITRIL RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 RISK

Combination between contact time and the aggressiveness of the chemical being handled.
Choose the performance of your gloves based on the type of risk:

- splashes**
Chemical substances diluted by immersion or splashes of aggressive substances
- frequent contact**
Pure or mixed chemical substances in frequent contact
- prolonged contact (or immersion)**
Pure or mixed chemical substances in frequent contact

2 WEAR TIME

Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

- short wear**
Chlorinated interior finish
- intermittent wear**
Flocked interior finish
- continuous wear**
Fabric-lined interior finish
- ultra-comfort wear**
MAPA exclusive technology providing greater flexibility

MATERIAL PVC / NITRILE		MATERIAL NITRILE				
frequent CONTACT		splashes		frequent CONTACT		
ultra-comfort WEAR		short WEAR		intermittent WEAR		
ULTRANITRIL 410 Cut and Chemical protection with better degradation performance against acids	ULTRANITRIL 472 Fingertip precision for light chemical protection and food handling	ULTRANITRIL 454 Precision dexterity in mildly aggressive environments, for those sensitive to natural latex	ULTRANITRIL 475 Good sensitivity for standard chemical protection	ULTRANITRIL 485* Good sensitivity for standard chemical protection	ULTRANITRIL 495 Good mechanical resistance and long-lasting chemical protection	ULTRANITRIL 492* Good mechanical resistance and long-lasting chemical protection
Internal finish High-visibility yellow seamless knitted textile support in composite fibres External finish Reinforced grip Size 7 8 9 10 11 Length 35 cm Thickness 1.70 mm	Internal finish Easy donning treatment External finish Pebbled Size 6 7 8 9 10 Length 31 cm Thickness 0.20 mm	Internal finish Flocked External finish Non-slip embossed Size 6 7 8 9 10 Length 31 cm Thickness 0.35 mm	Internal finish Flocked External finish Non-slip embossed Size 6 7 8 9 10 Length 31 cm Thickness 0.34 mm	Internal finish Flocked External finish Non-slip embossed Size 7 8 9 10 Length 31 cm Thickness 0.34 mm	Internal finish Flocked External finish Non-slip embossed Size 5 6 7 8 9 10 Length 32 cm Thickness 0.38 mm	Internal finish Flocked External finish Non-slip embossed Size 492: 6 7 8 9 10 11 491: 6 7 8 9 10 Length 492: 32 cm 491: 37 cm Thickness 0.38 mm
CAT 3	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3
EN 388 4X31C EN ISO 374-1 TYPE A KLMNPT EN 407 X1XXXX ISO 13997: 14N	EN 388 2101X EN ISO 374-1 TYPE B JOT EN ISO 374-5 VIRUS EN 421:2010 	EN 388 2000X EN ISO 374-1 TYPE B KPT EN ISO 374-5 	EN 388 3001X EN ISO 374-1 TYPE B JOT EN ISO 374-5 	EN 388 3101X EN ISO 374-1 TYPE B JKOPT EN ISO 374-5 VIRUS ISO 18889 	EN 388 3101X EN ISO 374-1 TYPE A AJKOPT EN ISO 374-5 	EN 388 3101X EN ISO 374-1 TYPE A AJKOPT EN ISO 374-5 VIRUS ISO 18889
x12 x48	x10 x100	x10 x50	x12 x72	x12 x72	492/495: x1 x10 x100 491: x10 x50	

CHEMICAL PROTECTION REUSABLE: ULTRANITRIL RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 RISK
Combination between contact time and the aggressiveness of the chemical being handled.
Choose the performance of your gloves based on the type of risk:

- splashes**
Chemical substances diluted by immersion or splashes of aggressive substances
- frequent contact**
Pure or mixed chemical substances in frequent contact
- prolonged contact (or immersion)**
Pure or mixed chemical substances in frequent contact

2 WEAR TIME
Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

- short wear**
Chlorinated interior finish
- intermittent wear**
Flocked interior finish
- continuous wear**
Fabric-lined interior finish
- ultra-comfort wear**
MAPA exclusive technology providing greater flexibility

MATERIAL NITRILE				
frequent CONTACT		prolonged CONTACT		
ultra-comfort WEAR		short WEAR	intermittent WEAR	continuous WEAR
<p>ULTRANITRIL 381</p> <p>Maximum comfort for standard chemical protection</p>	<p>ULTRANITRIL 358 ADVANCED GRIP TECHNOLOGY</p> <p>Designed with an embedded optimal grip to safely handle tasks in dry & greasy environments</p>	<p>ULTRANITRIL 480</p> <p>Ultra-long chemical protection</p>	<p>ULTRANITRIL 493*</p> <p>Ultra-long chemical protection</p>	<p>ULTRANITRIL 377</p> <p>Comfort and reinforced mechanical resistance for long-lasting chemical protection</p>
<p>Internal finish Textile support</p> <p>External finish Non-slip embossed</p> <p>Size 7 8 9 10 11</p> <p>Length 36 cm</p> <p>Thickness 0.95 mm</p>	<p>Internal finish Textile support</p> <p>External finish Optimal grip</p> <p>Size 6 7 8 9 10 11</p> <p>Length 36 cm</p> <p>Thickness 1.1 mm</p>	<p>Internal finish Chlorinated</p> <p>External finish Non-slip embossed</p> <p>Size 7 8 9 10 11</p> <p>Length 46 cm</p> <p>Thickness 0.55 mm</p>	<p>Internal finish Flocked</p> <p>External finish Non-slip embossed</p> <p>Size 8 9 10 11</p> <p>Length 39 cm</p> <p>Thickness 0.55 mm</p>	<p>Internal finish Textile support</p> <p>External finish Smooth</p> <p>Size 8 9 10</p> <p>Length 38 cm</p> <p>Thickness 1.35 mm</p>
<p>CAT 3</p> <p>EN 388 3111A</p> <p>EN ISO 374-1 TYPE A AJKLOPT</p> <p>EN 407 X1XXXX</p> <p>EN ISO 374-5</p> <p>ISO 18889 G2</p>		<p>CAT 3</p> <p>EN 388 4102X</p> <p>EN ISO 374-1 TYPE A AJKOPT</p> <p>EN ISO 374-5</p> <p>ISO 18889 G2</p>		<p>CAT 3</p> <p>EN 388 4122X</p> <p>EN ISO 374-1 TYPE A AJKOPT</p> <p>EN 407 X1XXXX</p>
<p> x12 x72</p>		<p> x1 x12</p>		<p> x1 x10 x50</p>

CHEMICAL PROTECTION REUSABLE: ULTRANEО RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 RISK
Combination between contact time and the aggressiveness of the chemical being handled.
Choose the performance of your gloves based on the type of risk:

- splashes**
Chemical substances diluted by immersion or splashes of aggressive substances
- frequent contact**
Pure or mixed chemical substances in frequent contact
- prolonged contact (or immersion)**
Pure or mixed chemical substances in frequent contact

2 WEAR TIME
Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

- short wear**
Chlorinated interior finish
- intermittent wear**
Flocked interior finish
- continuous wear**
Fabric-lined interior finish
- ultra-comfort wear**
MAPA exclusive technology providing greater flexibility

MATERIAL POLYCHLOROPRENE (NEOPRENE)							
splashes		frequent CONTACT			prolonged CONTACT		
intermittent WEAR	continuous WEAR	intermittent WEAR	continuous WEAR	ultra-comfort WEAR	short WEAR	continuous WEAR	
ULTRANEО 401	ULTRANEО 340	ULTRANEО 420	ULTRANEО 341	ULTRANEО 382	ULTRANEО 407	ULTRANEО 414	ULTRANEО 339
Tactile sensitivity for light chemical protection	Comfort with light chemical protection	Suppleness and freedom of movement for standard chemical protection	Comfort with standard chemical protection	Maximum comfort for standard chemical protection	Ultra-high performance chemical protection	Ultra-high performance chemical protection	Comfort and high chemical protection
Internal finish Flocked	Internal finish Textile support	Internal finish Flocked	Internal finish Textile support	Internal finish Textile support	Internal finish Chlorinated	Internal finish Chlorinated	Internal finish Textile support
External finish Non-slip embossed	External finish Smooth	External finish Non-slip embossed	External finish Smooth	External finish Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed	External finish Pebbled
Size 7 8 9 10	Size 7 8 9 10	Size 420: 6 7 8 9 10 450: 7 8 9 10	Size 8 9 10 11	Size 6 7 8 9 10	Size 9 10	Size 9 10	Size 9 10
Length 31-32 cm	Length 38 cm	Length 420: 31-32 cm 450: 41 cm	Length 38 cm	Length 36 cm	Length 35 cm	Length 46 cm	Length 36 cm
Thickness 0.55 mm	Thickness 1.33 mm	Thickness 0.75 mm	Thickness 1.45 mm	Thickness 0.95 mm	Thickness 0.75 mm	Thickness 0.75 mm	Thickness 1.6 mm
CAT 3		CAT 3			CAT 3		CAT 3
EN ISO 388 2110X	EN ISO 374-1 TYPE A ALMNST	EN ISO 388 2121X	EN ISO 374-1 TYPE A CLMNST	EN ISO 388 2121X	EN ISO 374-1 TYPE A ALMNST	EN ISO 388 2111X	EN ISO 374-1 TYPE A ABCJLMNS
EN ISO 374-5 X1XXXX	EN 407 X1XXXX	EN ISO 374-5 X1XXXX	EN 407 X1XXXX	EN 407 X1XXXX	EN ISO 374-5 X1XXXX	EN ISO 374-5 X1XXXX	EN 407 X1XXXX
x12 x72	x5 x50	x1 x12 x72	x5 x50	x12 x72	x1 x6 x48	x1 x12	x1 x6

CHEMICAL PROTECTION

REUSABLE: BUTOFLEX - FLUOTECH RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 RISK

Combination between contact time and the aggressiveness of the chemical being handled.

Choose the performance of your gloves based on the type of risk:

splashes

Chemical substances diluted by immersion or splashes of aggressive substances

frequent contact

Pure or mixed chemical substances in frequent contact

prolonged contact (or immersion)

Pure or mixed chemical substances in frequent contact

2 WEAR TIME

Identifies the comfort level required by the operator the longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

short wear

Chlorinated interior finish

intermittent wear


































Flocked interior finish

continuous wear

Fabric-lined interior finish

ultra-comfort wear

MAPA exclusive technology providing greater flexibility

MATERIAL BUTYL		MATERIAL FLUOROELASTOMER	
 short WEAR	 ultra-comfort WEAR	 short WEAR	 continuous WEAR
BUTOFLEX 651	BUTOFLEX 650	FLUOTECH 468	FLUOTECH 344
			
Ultimate specific chemical resistance	Ultimate specific chemical resistance	Tactile sensitivity with wear indicator	Comfort and flexibility for extended wear
Internal finish Powder free	Internal finish Textile support	Internal finish Chlorinated	Internal finish Textile support
External finish Non-slip embossed	External finish Non-slip embossed	External finish Smooth	External finish Smooth
Size 7 8 9 10	Size 7 8 9 10 11	Size 8 9 10	Size 9 10
Length 37 cm	Length 35 cm	Length 30 cm	Length 37 cm
Thickness 0.50 mm	Thickness 1.45 mm	Thickness 0.51 mm	Thickness 1.60 mm
CAT 3		CAT 3	
EN 388  0010X EN ISO 374-5 	EN ISO 374-1 TYPE A  ABCILMNOS EN 16350 	EN 388  3102X EN ISO 374-1 TYPE A  ADEFGJLMNO EN ISO 374-5 	EN 388  3121X EN 407  X1XXXXX EN ISO 374-1 TYPE A  ACDEFGJLMN EN ISO 374-5 
    		    	
 x1  x6		 x1  x1	

CHEMICAL PROTECTION DISPOSABLE: SOLO - TRILITES RANGE

MAPA Professional offers a range of disposable gloves to meet your needs in different work environments like cleaning, industrial work and chemical and food handling. The use of different polymers optimises the ergonomics and performance of the gloves: flexibility, resistance and comfort.



DISPOSABLE GLOVES

There are several advantages of disposable gloves:

- Freedom of movement thanks to their dexterity and comfort
- Protection for hands and the products being handled
- Rolled cuff to prevent tearing while ensuring the glove stays in place on the arm
- Long cuff for extra protection

4 ADDITIONAL CRITERIA TO REFINE YOUR CHOICE

1 POLYMERS

PVC
Mechanical strength and price.

LATEX
Flexibility and comfort.

NITRILE (next page)
Mechanical resistance and resistance to oils.

TRIPOLYMER
Flexibility, mechanical strength and chemical resistance to splashes.

2 COMFORT AND FLEXIBILITY

The various interior finishes (powdered/chlorinated) make it possible to adapt to the type of application and the specific requirements of the wearer.

POWDERED
Better sweat absorption.

CHLORINATED
Easy donning and no powder on hands.




































EASY DONNING TREATMENT
Makes it easier to don and doff gloves, without increasing the thickness and without using powder.
Reduces the allergy risk of natural latex gloves.

3 COLOUR

The use of different colours is in response to the unique demands of certain sectors and it enables visual checks by allocating a specific colour to each application.

4 DIMENSIONS

Choosing the length and thickness of the glove makes it possible to factor in the limitations related to the workstation: dexterity, resistance and forearm protection.

POLYMER PVC / VINYL	POLYMER NATURAL LATEX			POLYMER TRIPOLYMER
COMFORT POWDER FREE	COMFORT POWDER FREE		COMFORT POWDERED	COMFORT CHLORINATED
<p>SOLO 990</p>  <p>The best value for precise movements</p>	<p>SOLO 998</p>  <p>Good protection with optimal flexibility and dexterity</p>	<p>SOLO PLUS 995</p>  <p>Optimal flexibility and dexterity</p>	<p>SOLO 988</p>  <p>Optimal flexibility and dexterity for light handling</p>	<p>TRILITES 994</p>  <p>Tripolymer formula for protection against chemical splashes and splatters</p>
<p>External finish Smooth</p> <p>Size 6 7 8 9</p> <p>Length 24 cm</p> <p>Thickness 0.07 mm</p>	<p>External finish Smooth with pebbled fingertips</p> <p>Size 6 7 8 9</p> <p>Length 30 cm</p> <p>Thickness 0.20 mm</p>		<p>External finish Smooth</p> <p>Size 6 7 8 9</p> <p>Length 24 cm</p> <p>Thickness 0.08 mm</p>	<p>External finish Pebbled</p> <p>Size 6 7 8 9</p> <p>Length 994: 25 cm 985: 29 cm</p> <p>Thickness 0.15 mm</p>
<p> *See food compatibility chart, p. 56 CAT 3</p> <p>EN ISO 374-1 TYPE C </p> <p>EN ISO 374-5  VIRUS</p>	<p>CAT 3</p> <p>EN ISO 374-1 TYPE C </p> <p>EN ISO 374-5 </p>		<p> *See food compatibility chart, p. 56 CAT 3</p> <p>EN ISO 374-1 TYPE C </p> <p>EN ISO 374-5 </p>	<p>CAT 3</p> <p>EN ISO 374-1 TYPE B  KPT</p> <p>EN ISO 374-5 </p>
<p>     </p> <p> x100 gloves  x1,000 gloves</p>	<p>      </p> <p> x100 gloves  x1,000 gloves</p>			<p>  </p>

CHEMICAL PROTECTION DISPOSABLE: SOLO RANGE

MAPA Professional offers a range of disposable gloves to meet your needs in different work environments like cleaning, industrial work and chemical and food handling. The use of different polymers optimises the ergonomics and performance of the gloves: flexibility, resistance and comfort.



DISPOSABLE GLOVES

There are several advantages of disposable gloves:

- Freedom of movement thanks to their dexterity and comfort
- Protection for hands and the products being handled
- Rolled cuff to prevent tearing while ensuring the glove stays in place on the arm
- Long cuff for extra protection

4 ADDITIONAL CRITERIA TO REFINE YOUR CHOICE

1 POLYMERS

PVC (previous page)

Mechanical strength and price.

LATEX (previous page)

Flexibility and comfort.

NITRILE

Mechanical resistance and resistance to oils.

TRIPOLYMER (previous page)

Flexibility, mechanical strength and chemical resistance to splashes.

2 COMFORT AND FLEXIBILITY

The various interior finishes (powdered/chlorinated) make it possible to adapt to the type of application and the specific requirements of the wearer.

POWDERED

Better sweat absorption.

CHLORINATED

Easy donning and no powder on hands.

EASY DONNING TREATMENT

Makes it easier to don and doff gloves, without increasing the thickness and without using powder.





































Reduces the allergy risk of natural latex gloves.

3 COLOUR

The use of different colours is in response to the unique demands of certain sectors and it enables visual checks by allocating a specific colour to each application.

4 DIMENSIONS

Choosing the length and thickness of the glove makes it possible to factor in the limitations related to the workstation: dexterity, resistance and forearm protection.

POLYMER NITRILE				
COMFORT POWDER FREE	COMFORT CHLORINATED			
<p>SOLO 967</p>  <p>Excellent dexterity due to the flexibility and thinness of the material. Supplied in bags or boxes (Solo BOX 967)</p>	<p>SOLO 977</p>  <p>Ideal splash protection for use in the chemical industry</p>	<p>SOLO 999</p>  <p>Excellent mechanical resistance, ideal in oily environments</p>	<p>SOLO 987</p>  <p>The perfect protection for light handling in oily environments</p>	<p>SOLO 980</p>  <p>Excellent mechanical resistance with very good chemical protection, ideal for various environments</p>
<p>Internal finish Easy donning treatment</p> <p>External finish Smooth with pebbled fingertips</p> <p>Size 6 7 8 9</p> <p>Length 24 cm</p> <p>Thickness 0.07 mm</p> <p> *See food compatibility chart, p. 56</p> <p>CAT 3</p>	<p>Internal finish Easy donning treatment</p> <p>External finish Pebbled</p> <p>Size 6 7 8 9 10</p> <p>Length 24 cm</p> <p>Thickness 0.13 mm</p> <p>CAT 3</p>	<p>Internal finish Easy donning treatment</p> <p>External finish Pebbled</p> <p>Size 6 7 8 9</p> <p>Length 29-30 cm</p> <p>Thickness 0.10 mm</p> <p>CAT 3</p>	<p>Internal finish Easy donning treatment</p> <p>External finish Smooth with pebbled fingertips</p> <p>Size 6 7 8 9</p> <p>Length 24 cm</p> <p>Thickness 0.10 mm</p> <p> *Only 997, see food compatibility chart, p. 56</p> <p>CAT 3</p>	<p>Internal finish Easy donning treatment</p> <p>External finish Pebbled</p> <p>Size 6 7 8 9 10 11</p> <p>Length 30 cm</p> <p>Thickness 0.20 mm</p> <p> *See food compatibility chart, p. 56</p> <p>CAT 3</p>
<p>EN ISO 374-1 TYPE C</p> <p>EN ISO 374-5</p> <p> </p>	<p>EN ISO 374-1 TYPE B</p> <p>EN ISO 374-5</p> <p>ISO 18889 G1</p> <p>JKT</p> <p> </p>	<p>EN ISO 374-1 TYPE B</p> <p>EN ISO 374-5</p> <p>JKT</p> <p>VIRUS</p> <p> </p>	<p>EN ISO 374-1 TYPE B</p> <p>EN ISO 374-5</p> <p>JKT</p> <p>VIRUS</p> <p> </p>	<p>EN ISO 374-1:2016 TYPE B</p> <p>EN 421:2010</p> <p>EN ISO 374-5</p> <p>JKPT</p> <p>VIRUS</p> <p> </p>
<p>      </p> <p> x100 gloves  x1,000 gloves</p>				<p>      </p> <p> x50 gloves  x500 gloves</p>

MECHANICAL PROTECTION HANDLING PROTECTION: ULTRANE RANGE

The Mapa Professional handling range offers both protection and comfort for wearers carrying out a wide variety of tasks, from precision to heavy duty work, requiring general protection (abrasion, scratches, snags...) without cut risks, such as handling boxes, assembly, quality control.



PRECISION WORK

Users in precision work need protection but also to be able to handle easily small and delicate parts. As well as protection, they need gloves providing high-level of dexterity and a high sense of touch especially at the fingertips.

The ULTRANE range provides it all and even more:

- Different levels of protection to be adapted to the workstation
- High dexterity especially at fingertips
- Ease of movement (comfort)
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc.)
- Superior performance in slippery settings for certain products

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☐ **dry** and **relatively clean** environments
- 🛢️ **oily** and **very dirty** environments
- 💧 **wet** environments







2 SERVICE LIFE

The service life of a glove for heavy-duty work is directly linked to the thickness of the polymer layer covering the fabric and to the adhesion and nature of the fabric in a given environment.

- 🕒 **short** service life
- 🕒 **long** service life
- 🕒 **high-performance** service life

PRECISION WORK

ENVIRONMENT
dry and relatively clean

short SERVICE LIFE			long SERVICE LIFE		
<p>ULTRANE 548</p>  <p>Optimal dexterity and sensitivity offering light protection</p>	<p>ULTRANE 648</p>  <p>Optimal dexterity and sensitivity offering light protection. Suitable for touch screens</p>	<p>ULTRANE 524</p>  <p>Protection of electronic device from ElectroStatic Discharge (ESD)</p>	<p>ULTRANE 551</p>  <p>Unbeatable for fingertip precision</p>	<p>ULTRANE 510</p>  <p>Optimal comfort, high level of breathability and durability for precision work</p>	<p>ULTRANE 681</p>  <p>Second skin effect for optimal comfort and dexterity thanks to its 18 gauge</p>
Liner Seamless knitted textile support	Liner Seamless textile support	Liner Seamless textile with conductive fibres	Liner Seamless knitted textile support	Liner Seamless knitted textile support	Liner Seamless knitted textile support
Gauge 13	Gauge 13	Gauge 18	Gauge 13	Gauge 13	Gauge 18
Coating Polyurethane coating on palm and fingers	Coating Polyurethane coating on palm and fingers	Coating Polyurethane coating on palm and fingers	Coating Polyurethane coating on palm and fingers	Coating Polymer coating with aqueous base on palm and fingers	Coating Foam nitrile coating on palm and fingers
Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist
Size 548: 5 6 7 8 9 10 11 549: 5 6 7 8 9 10	Size 5 6 7 8 9 10 11	Size 6 7 8 9 10 11	Size 551: 5 6 7 8 9 10 11 550/550VM: 6 7 8 9 10	Size 6 7 8 9 10 11	Size 6 7 8 9 10 11
Length 21-27 cm	Length 22-27 cm	Length 22-27 cm	Length 21-27 cm	Length 22-27 cm	Length 23-28 cm
		Washable x1		Washable x1	Washable x1
			OEKO TEX STANDARD 100 CERTIFIED BY IFTH	OEKO TEX STANDARD 100 CERTIFIED BY IFTH	
CAT 2 EN 388 3121X	CAT 2 EN 388 3121X	CAT 2 EN 388 2X20A	CAT 2 EN 388 4131X	CAT 2 EN 388 4131X	CAT 2 EN 388 4X21A ISO 13997: 4.9N
🏭 ⚡ 🚗	🏭 +	🏭 ✈️ 🚗	🏭 ⚡ 🚗	🏭 ⚡ 🚗	🚗 🏭 ✈️
	🧤 x1 📦 x12 🏠 x96		🧤 x1 📦 x10 🏠 x100	🧤 x1 📦 x12 🏠 x96	🧤 x1 📦 x12 🏠 x48

MECHANICAL PROTECTION HANDLING PROTECTION: ULTRANE RANGE

The Mapa Professional handling range offers both protection and comfort for wearers carrying out a wide variety of tasks, from precision to heavy duty work, requiring general protection (abrasion, scratches, snags...) without cut risks, such as handling boxes, assembly, quality control.



PRECISION WORK

Users in precision work need protection but also to be able to handle easily small and delicate parts. As well as protection, they need gloves providing high-level of dexterity and a high sense of touch especially at the fingertips.

The ULTRANE range provides it all and even more:

- Different levels of protection to be adapted to the workstation
- High dexterity especially at fingertips
- Ease of movement (comfort)
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc.)
- Superior performance in slippery settings for certain products

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- 🍃 **dry** and **relatively clean** environments
- 🛢️ **oily** and **very dirty** environments
- 💧 **wet** environments

2 SERVICE LIFE

The service life of a glove for heavy-duty work is directly linked to the thickness of the polymer layer covering the fabric and to the adhesion and nature of the fabric in a given environment.

- 🕒 **short** service life
- 🕒 **long** service life
- 🕒 **high-performance** service life

PRECISION WORK

ENVIRONMENT
dry and relatively clean

ENVIRONMENT
oily and very dirty

high-performance
SERVICE LIFE

ULTRANE 527	ULTRANE 541	ULTRANE 664	ULTRANE 544	ULTRANE 553	ULTRANE 500*
<p>RESICOMFORT TECHNOLOGY PATENTED TECHNOLOGY</p>	<p>RESICOMFORT TECHNOLOGY ULTRANE 641 Also without nitrile 541</p>	<p>Touch Screen Recycled fibres Cardboard holder</p>	<p>Touch Screen</p>		<p>GRIP & PROOF TECHNOLOGY VENDING MACHINE ULTRANE 525* ULTRANE 526*</p>
<p>Detachable fingers to prevent entanglement. Comfort, suppleness and high dexterity without compromising breathability and durability</p>	<p>Comfort, suppleness and high dexterity without compromising breathability and durability</p>	<p>Eco-designed handling glove made of recycled fibres* with high dexterity and comfort</p>	<p>Protection of electronic device from ElectroStatic Discharge (ESD)</p>	<p>Unbeatable for fingertip precision in dirty environments</p>	<p>Assured grip, skin protected and excellent dexterity in lightly oily/dirty environments</p>
<p>Liner Seamless textile with patent pending specific knitting technology by MAPA PROFESSIONAL Gauge 15 Coating Foam nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 22-28 cm Washable x1</p>	<p>Liner Seamless knitted textile support Gauge 15 Coating Foam nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 22-28 cm Washable x1</p>	<p>Liner Seamless knitted textile support made of recycled polyester fibres (*39% of the liner i.e. 20% of the total weight of the glove) Gauge 15 Coating Foam nitrile coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 21-27cm Washable x1</p>	<p>Liner Seamless textile with conductive fibres Gauge 15 Coating Foam nitrile conductive coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 22-27 cm Washable x1</p>	<p>Liner Seamless knitted textile support Gauge 13 Coating Nitrile coating on palm and fingers Cuff Knitted wrist Size 5 6 7 8 9 10 Length 21-26 cm</p>	<p>Liner Seamless knitted textile support Gauge 13 Coating Double layer coating: Smooth nitrile - Sandy nitrile 500: palm and fingers 525: 3/4 coating 526: fully coated Size 500/525: 6 7 8 9 10 11 526: 7 8 9 10 11 Length 22-27 cm Washable x3</p>
<p>OEKO TEX STANDARD 100 CC179/2 IPFH</p>	<p>OEKO TEX STANDARD 100 CC179/2 IPFH</p> <p>*See food compatibility chart, p. 56</p>	<p>OEKO TEX STANDARD 100 CC179/3 IPFH</p>	<p>OEKO TEX STANDARD 100 CC179/2 IPFH</p>	<p>OEKO TEX STANDARD 100 CC179/2 IPFH</p>	<p>OEKO TEX STANDARD 100 CC179/2 IPFH</p>
<p>CAT 2</p>	<p>CAT 2</p>	<p>CAT 2</p>	<p>CAT 2</p>	<p>CAT 2</p>	<p>CAT 3</p>
<p>EN 388 31X1A EN 407 X1XXXX</p>	<p>EN 388 4121A EN 407 X1XXXX</p>	<p>EN 388 4X11A</p>	<p>EN 388 4121A EN 16350</p>	<p>EN 388 4121X</p>	<p>EN 388 4121A ISO 18889 GR EN 407 X1XXXX</p>
<p>🏭 🚗 ✈️</p>	<p>🏭 ⚙️ ⚡ 🧹 🚗</p>	<p>🏭 🚗 ✈️</p>	<p>🏭 🚗 ✈️</p>	<p>🏭 ⚙️ ⚡ 🧹 🚗</p>	<p>🏭 ⚙️ ⚡ 🧹 🚗 🚜</p>
<p>🧤 x1 🧤 x12 📦 x96</p>	<p>🧤 Only 641 x1 🧤 x12 📦 x96</p>	<p>🧤 x1 📦 x48</p>	<p>🧤 x1 🧤 x12 📦 x96</p>	<p>🧤 x1 🧤 x10 📦 x100</p>	<p>🧤 x1 🧤 x12 📦 x96 525: also available without individual packaging</p>

MECHANICAL PROTECTION

HANDLING PROTECTION:

TITAN RANGE

The Mapa Professional handling range offers both protection and comfort for wearers carrying out a wide variety of tasks, from precision to heavy duty work, requiring general protection (abrasion, scratches, snags...) without cut risks, such as handling boxes, assembly, quality control.

HEAVY-DUTY WORK

Users working in heavy duty environments need resistant gloves that bring enough protection especially against abrasion injuries but also good flexibility as they can be worn for hours or days.

Our TITAN, HARPON and EXONIT ranges provide all required attributes:

- Easy to don and doff
- Ease of movement and gripping
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc)
- Superior performance in slippery settings for certain products
- Specific protection depending on the glove (eg : impact protection)



HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

☐ **dry** and **relatively clean** environments

🛢️ **oily** and **very dirty** environments

💧 **wet** environments

2 SERVICE LIFE

The service life of a glove for heavy-duty work is directly linked to the thickness of the polymer layer covering the fabric and to the adhesion and nature of the fabric in a given environment.

🕒 **short** service life

🕒 **long** service life

🕒 **high-performance** service life

HEAVY-DUTY WORK



dry
ENVIRONMENTS



short
SERVICE LIFE



long
SERVICE LIFE



high-performance
SERVICE LIFE

TITAN 833



Comfort and dexterity for common tasks

Liner
Textile support

Cuff
Knitted

Coating
3/4 nitrile coating

Size
7 8 9 10

Length
26-27 cm

CAT 2



TITAN 375



Protection for all types of light handling activities

Liner
Textile support

Coating
Full nitrile coating

Cuff
Scalloped cut

Size
6 7 8 9

Length
27 cm

CAT 2



TITAN 383



Protection for all types of light handling activities

Liner
Textile support

Coating
Full nitrile coating

Cuff
Knitted

Size
7 8 9 10

Length
25-28 cm

CAT 2



TITAN 397



Comfort and dexterity for common handling tasks

Liner
Textile support

Coating
3/4 nitrile coating

Cuff
Knitted

Size
6 7 8 9 10

Length
24-28 cm

CAT 2



TITAN 388



Comfort and durability for heavy-duty handling

Liner
Textile support

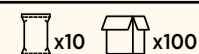
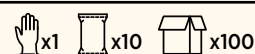
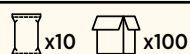
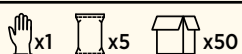
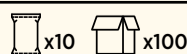
Coating
Full nitrile coating

Cuff
Safety cuff

Size
8 9 10

Length
25-27 cm

CAT 2



MECHANICAL PROTECTION

HANDLING PROTECTION: TITAN - HARPON - EXONIT - JERSETTE RANGE

The Mapa Professional handling range offers both protection and comfort for wearers carrying out a wide variety of tasks, from precision to heavy duty work, requiring general protection (abrasion, scratches, snags...) without cut risks, such as handling boxes, assembly, quality control.

HEAVY-DUTY WORK

Users working in heavy duty environments need resistant gloves that bring enough protection especially against abrasion injuries but also good flexibility as they can be worn for hours or days.

Our TITAN, JERSETTE, HARPON and EXONIT ranges provide all required attributes:

- Easy to don and doff
- Ease of movement and gripping
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc)
- Superior performance in slippery settings for certain products
- Specific protection depending on the glove (eg : impact protection)



HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☐ **dry** and **relatively clean** environments
- 🛢️ **oily** and **very dirty** environments
- 💧 **wet** environments

2 SERVICE LIFE

The service life of a glove for heavy-duty work is directly linked to the thickness of the polymer layer covering the fabric and to the adhesion and nature of the fabric in a given environment.

- 🕒 **short** service life
- 🕒 **long** service life
- 🕒 **high-performance** service life

HEAVY-DUTY WORK



wet
ENVIRONMENTS



oily and very dirty
ENVIRONMENTS



short
SERVICE LIFE



long
SERVICE LIFE



high-performance
SERVICE LIFE

TITAN 328



Flexibility and grip for common handling tasks

JERSETTE PLUS 315



Additional and comfortable protection on the 5 fingers for long-term work in aggressive environments

HARPON 319



Comfort, reinforced safety and excellent grip in wet environments

HARPON 330



TITAN 850



Shock absorption, durability and comfort for heavy handling work

EXONIT 852



Shock absorption on the back, comfort thanks to palm pads and dexterity

Liner
Seamless knitted textile support

Gauge 10

Coating
Natural latex anti-slip coating on palm and fingers
Embossed, anti-slip texture

Cuff
Knitted

Size
8 9 10

Length
24-27 cm

Liner
Textile support

Coating
Pebbled

Cuff
Scalloped cut

Size
7 8 9 10

Length
31.8-35.5 cm

Thickness
2.4 mm

Liner
Textile support

Coating
Fully coated in natural latex
Embossed, anti-slip texture

Cuff
Knitted

Size
7 8 9

Length
25-27 cm

Liner
Textile support

Coating
3/4 coating in natural latex
Embossed, anti-slip texture

Cuff
Knitted

Size
6 7 8 9

Length
24-28 cm

Liner
Seamless knitted textile support

Gauge 13

Coating
Nitrile coating on palm and fingers
Double layer coating:
Smooth nitrile - Sandy nitrile

Size
7 8 9 10 11

Length
25-28 cm

Liner
Seamless knitted textile support

Gauge 13

Coating
Complete Grip & Proof nitrile coating
Double layer coating:
Smooth nitrile - Sandy Nitrile
TPR full protection pad on back-of-hands

Cuff
Knitted wrist

Size 9 10 11

Length 25-29cm

CAT 2



2142X



X2XXXX

CAT 2



2131B



X2XXXX

CAT 2



3131X



X1XXXX

CAT 2

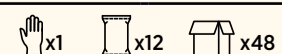
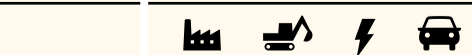
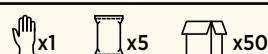
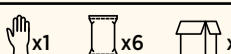
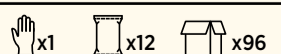


4132XP

CAT 2



3X21XP



MECHANICAL PROTECTION

CUT PROTECTION: KRYTECH RANGE

The Mapa Professional range of cut-protection gloves provides both protection and excellent hand comfort with gloves designed for various types of jobs involving cut hazards such as working with metal sheets, blades, sheets of glass or any sharp objects.



PRECISION WORK

Users in precision work need protection but also to be able to handle easily small and delicate parts. As well as cut protection, they need gloves providing high-level of dexterity and a high sense of touch especially at the fingertips.

The KRYTECH range provides it all and even more:

- Different levels of cut protection to be adapted to the work conditions
- High dexterity especially at fingertips
- Ease of movement (comfort)
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc.)
- Superior performance in slippery settings for certain products

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☒ **dry** and **relatively clean** environments
- ☒ **oily** and **very dirty** environments
- ☒ **wet** environments

2 RISK

The higher the level of performance, the greater the glove's resistance to the combined effects of the sharpness of the object's cutting edge and the pressure applied.

- ⚠ **low** risk - ISO B
- ⚠ **moderate** risk - ISO C
- ⚠ **high** risk - ISO D
- ⚠ **very high** risk - ISO E & ISO F

3 SERVICE LIFE

The service life of a glove for precision work is directly linked to the thickness of the polymer layer covering the fabric and the nature of the fabric, in a given environment.

- ⌚ **short** service life
- ⌚ **long** service life
- ⌚ **high-performance** service life

☒ **dry and relatively clean**
ENVIRONMENTS

⚠ **low**
RISK

⌚ **short**
SERVICE LIFE

⌚ **long**
SERVICE LIFE

KRYTECH 578		KRYTECH 579		KRYTECH 584		KRYTECH 557		KRYTECH 558		KRYTECH 609	
Light cut protection for very precise handling in clean and dirty environments		Light cut protection for very precise handling in reasonably clean environments				Light cut protection with crotch reinforcement for precise handling in reasonably clean environments				Light cut protection with high comfort, suppleness and durability for precision work even in dirty environments. With or without crotch reinforcement	
Liner Seamless knitted textile support in HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 22-27 cm Washable x3		Liner Seamless textile support in HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 5 6 7 8 9 10 11 Length 21-27 cm Washable x5		Liner Seamless textile support in HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 21-27 cm Washable x5		Liner Seamless textile support in HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 557: 22-27 cm 558: 27-32 cm Washable x5				Liner Seamless knitted textile support in composite and HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 5 6 7 8 9 10 11 Length 21-27 cm Washable x5	
CAT 2 EN 388 4X42B ISO 13997: 5N		CAT 2 EN 388 4342B ISO 13997: 5.3N		CAT 2 EN 388 4342B ISO 13997: 5.3N		CAT 2 EN 388 4343B ISO 13997: 5.3N				Oeko-Tex STANDARD 100 CERTIFIED CAT 2 EN 388 4X42B ISO 13997: 9.5N	

MECHANICAL PROTECTION

CUT PROTECTION: KRYTECH RANGE

The Mapa Professional range of cut-protection gloves provides both protection and excellent hand comfort with gloves designed for various types of jobs involving cut hazards such as working with metal sheets, blades, sheets of glass or any sharp objects.



PRECISION WORK

Users in precision work need protection but also to be able to handle easily small and delicate parts. As well as cut protection, they need gloves providing high-level of dexterity and a high sense of touch especially at the fingertips.

The KRYTECH range provides it all and even more:

- Different levels of cut protection to be adapted to the work conditions
- High dexterity especially at fingertips
- Ease of movement (comfort)
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc.)
- Superior performance in slippery settings for certain products

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☒ **dry** and **relatively clean** environments
- ☒ **oily** and **very dirty** environments
- ☒ **wet** environments

2 RISK

The higher the level of performance, the greater the glove's resistance to the combined effects of the sharpness of the object's cutting edge and the pressure applied.

- ⚠ **low** risk - ISO B
- ⚠ **moderate** risk - ISO C
- ⚠ **high** risk - ISO D
- ⚠ **very high** risk - ISO E & ISO F

3 SERVICE LIFE

The service life of a glove for precision work is directly linked to the thickness of the polymer layer covering the fabric and the nature of the fabric, in a given environment.

- ⌚ **short** service life
- ⌚ **long** service life
- ⌚ **high-performance** service life

dry and relatively clean ENVIRONMENTS						
low RISK			moderate RISK			
long SERVICE LIFE		high-performance SERVICE LIFE		long SERVICE LIFE		high-performance SERVICE LIFE
KRYTECH 692 Touch Screen Crotch reinforcement Good visibility Light cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge. Yellow for a better visibility of the wearer.	KRYTECH 563 Light cut protection and durability for precise handling in reasonably clean environments	KRYTECH 588 Cutting, grip and dexterity for dry and slightly oily environments	KRYTECH 642 RESICOMFORT TECHNOLOGY Touch Screen Comfort, suppleness and high dexterity without compromising on cut protection, breathability and durability	KRYTECH 610 Recycled fibres Eco designed. Moderate cut protection cut protection, providing maximum comfort. Seamless platted knitted glove, very good fit, dexterity and flexibility	KRYTECH 693 Touch Screen Crotch reinforcement Good visibility Medium cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge. Protection of electronic device from ElectroStatic Discharge (ESD). Yellow for a better visibility of the wearer.	KRYTECH 643 RESICOMFORT TECHNOLOGY Touch Screen Comfort, suppleness and high dexterity without compromising cut protection, breathability and durability
Liner Seamless knitted textile support in composite and HDPE fibres Gauge 18 Coating Foam nitrile coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-29 cm Washable x1	Liner Seamless textile support in HDPE fibres Gauge 13 Coating Nitrile coating on palm and fingertips Cuff Knitted wrist Size 7 8 9 10 11 Length 23-27 cm Thickness 1.4 mm	Liner Seamless textile support in HDPE fibres Gauge 13 Coating Nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 7 8 9 10 11 Length 23-27 cm Washable x5	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 15 Coating Foam nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 23-28 cm Washable x1	Liner Seamless knitted textile support in composite and HDPE fibres. Recycled polyester fibres (9% of the liner i.e. 8% of the total weight of the glove) Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 23-28 cm Washable x3	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 18 Coating Foam nitrile coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-29 cm Washable x1	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 15 Coating Foam nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 23-28 cm Washable x1
 STANDARD 100 CO 9792 IFTH	 STANDARD 100 CO 9792 IFTH	 STANDARD 100 CO 9792 IFTH	 STANDARD 100 CO 9792 IFTH	 STANDARD 100 CO 9792 IFTH	 STANDARD 100 CO 9792 IFTH	 STANDARD 100 CO 9792 IFTH
CAT 2 EN 388 3X42B ISO 13997: 9.1N	CAT 2 EN 388 4X43B ISO 13997: 6.5N	CAT 2 EN 388 4X42B ISO 13997: 5.9N	EN 388 CAT 2 EN 407 4X42B X1XXXX ISO 13997: 5.7N	CAT 2 EN 388 4X43C ISO 13997: 14.9N	CAT 2 EN 388 EN 16350 4X42C ISO 13997: 14.5N	EN 388 CAT 2 EN 407 4X42C X1XXXX ISO 13997: 10.3N
x1 x12 x48	x1 x12 x96			x1 x12 x48		

MECHANICAL PROTECTION

CUT PROTECTION: KRYTECH RANGE

The Mapa Professional range of cut-protection gloves provides both protection and excellent hand comfort with gloves designed for various types of jobs involving cut hazards such as working with metal sheets, blades, sheets of glass or any sharp objects.

PRECISION WORK

Users in precision work need protection but also to be able to handle easily small and delicate parts. As well as cut protection, they need gloves providing high-level of dexterity and a high sense of touch especially at the fingertips.

The KRYTECH range provides it all and even more:

- Different levels of cut protection to be adapted to the work conditions
- High dexterity especially at fingertips
- Ease of movement (comfort)
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc.)
- Superior performance in slippery settings for certain products



HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☒ **dry** and **relatively clean** environments
- ☒ **oily** and **very dirty** environments
- ☒ **wet** environments

2 RISK

The higher the level of performance, the greater the glove's resistance to the combined effects of the sharpness of the object's cutting edge and the pressure applied.

- ⚠ **low** risk - ISO B
- ⚠ **moderate** risk - ISO C
- ⚠ **high** risk - ISO D
- ⚠ **very high** risk - ISO E & ISO F

3 SERVICE LIFE

The service life of a glove for precision work is directly linked to the thickness of the polymer layer covering the fabric and the nature of the fabric, in a given environment.

- ⌚ **short** service life
- ⌚ **long** service life
- ⌚ **high-performance** service life

KRYTECH 586 High cut protection for precise handling in reasonably clean environments	KRYTECH 615 Eco designed. High cut protection providing maximum comfort. A seamless platted knitted glove for very good fit, dexterity and flexibility	KRYTECH 815 High cut protection providing maximum comfort. A seamless platted knitted glove for very good fit, dexterity and flexibility	KRYTECH 694 High cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge. Protection of electronic device from ElectroStatic Discharge (ESD). Yellow for a better visibility of the wearer	KRYTECH 622 Very high cut protection, comfortable thanks to excellent adjustment and good compatibility with touch screens	KRYTECH 644 Comfort, suppleness and high dexterity without compromising on cut protection, breathability and durability. Suitable for touch screens	KRYTECH 645 RESICOMFORT TECHNOLOGY Comfort, suppleness and high dexterity without compromising on cut protection, breathability and durability. Suitable for touch screens	KRYTECH 838 High cut protection for the food industry. Ambidextrous
Liner Seamless textile support in HDPE fibres Gauge 13 Coating Polyurethane on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-30 cm Washable x3	Liner Seamless knitted textile support in composite and HDPE fibres Recycled polyester fibres (27% of the liner i.e. 25% of the total weight of the glove) Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-29 cm Washable x3	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-30 cm Washable x3	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 18 Coating Foam nitrile coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-29 cm Washable x1	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 13 Coating Polyurethane coating on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 24-29 cm Washable x5	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 15 Coating Foam nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 23-28 cm Washable x1	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 15 Coating Foam nitrile coating with sandy finish on palm and fingers Cuff Knitted wrist Size 6 7 8 9 10 11 Length 23-28 cm Washable x1	Liner Seamless textile support in HDPE fibres Gauge 10 Cuff Knitted wrist Size 6 7 8 9 10 11 Length 34 cm Washable x20
CAT 2 EN 388 4X43D ISO 13997: 18.6N		CAT 2 EN 388 4X43D ISO 13997: 20N		CAT 2 EN 388 4X43D ISO 13997: 20N		CAT 2 EN 388 4X42D ISO 13997: 18N	
CAT 2 EN 388 4X43E ISO 13997: 29.5N		CAT 2 EN 388 4X43D ISO 13997: 16N		CAT 2 EN 407 X1XXXX ISO 13997: 29.5N		CAT 2 EN 388 4X43E ISO 13997: 29.5N	
CAT 2 EN 388 2X4XE ISO 13997: 24.2N		CAT 2 EN 388 4X43D ISO 13997: 18N		CAT 2 EN 388 4X43E ISO 13997: 29.5N		CAT 2 EN 388 4X43D ISO 13997: 16N	

MECHANICAL PROTECTION

CUT PROTECTION: KRYTECH RANGE

The Mapa Professional range of cut-protection gloves provides both protection and excellent hand comfort with gloves designed for various types of jobs involving cut hazards such as working with metal sheets, blades, sheets of glass or any sharp objects.



PRECISION WORK

Users in precision work need protection but also to be able to handle easily small and delicate parts. As well as cut protection, they need gloves providing high-level of dexterity and a high sense of touch especially at the fingertips.

The KRYTECH range provides it all and even more:

- Different levels of cut protection to be adapted to the work conditions
- High dexterity especially at fingertips
- Ease of movement (comfort)
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc.)
- Superior performance in slippery settings for certain products

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☒ **dry** and **relatively clean** environments
- ☒ **oily** and **very dirty** environments
- ☒ **wet** environments

2 RISK

The higher the level of performance, the greater the glove's resistance to the combined effects of the sharpness of the object's cutting edge and the pressure applied.

- ⚠ **low** risk - ISO B
- ⚠ **moderate** risk - ISO C
- ⚠ **high** risk - ISO D
- ⚠ **very high** risk - ISO E & ISO F

3 SERVICE LIFE

The service life of a glove for precision work is directly linked to the thickness of the polymer layer covering the fabric and the nature of the fabric, in a given environment.

- ⌚ **short** service life
- ⌚ **long** service life
- ⌚ **high-performance** service life

oily and very dirty ENVIRONMENTS



low RISK



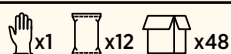
moderate RISK



high RISK

high-performance SERVICE LIFE

KRYTECH 580	KRYTECH 599	KRYTECH 600	KRYTECH 585	KRYTECH 582
Eco-designed cut protection glove with grip and skin protection for precise handling in slightly oily and dirty environments	Eco-designed cut protection glove with grip and skin protection for complex handling operations in oily environments	Eco-designed cut protection glove with grip and skin protection for complex handling operations in very oily environments	Moderate cut protection for enhanced safety, comfort and durability with Grip and Proof Technology	High cut protection for complex handling operations in oily environments
Liner Seamless textile support in HDPE fibres and recycled polyester fibres (24% of the liner i.e. 14% of the total weight of the glove)	Liner Seamless textile support in HDPE fibres and recycled polyester fibres (37% of the liner i.e. 22% of the total weight of the glove)	Liner Seamless textile support in HDPE fibres and recycled polyester fibres (37% of the liner i.e. 20% of the total weight of the glove)	Liner Seamless knitted textile support in composite and HDPE fibres	Liner Seamless knitted textile support in composite and HDPE fibres
Gauge 13	Gauge 13	Gauge 13	Gauge 15	Gauge 13
Coating Double layer coating on palm and fingers Smooth nitrile - Sandy Nitrile	Coating Double layer 3/4 coating on palm and fingers Smooth nitrile - Sandy Nitrile	Coating Double layer full coating Smooth nitrile - Sandy Nitrile	Coating Double layer coating on palm and fingers Smooth nitrile - Sandy Nitrile	Coating 3/4 nitrile coating Double layer coating: Smooth nitrile - Sandy Nitrile
Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist
Size 6 7 8 9 10 11	Size 7 8 9 10 11	Size 7 8 9 10	Size 7 8 9 10 11	Size 6 7 8 9 10 11
Length 23-27 cm	Length 23-27 cm	Length 23-26 cm	Length 23-27 cm	Length 23-28 cm
Washable x3	Washable x3	Washable x3	Washable x3	Washable x5
OEKO TEX STANDARD 100 CB 9793 IFTH CAT 3	OEKO TEX STANDARD 100 CB 9793 IFTH CAT 3	OEKO TEX STANDARD 100 CB 9793 IFTH CAT 3	OEKO TEX STANDARD 100 CB 9793 IFTH CAT 2	OEKO TEX STANDARD 100 CB 9793 IFTH CAT 2
EN 388 4X42B EN 407 X1XXXX ISO 18889 GR	EN 388 4X42B EN 407 X1XXXX ISO 18889 GR	EN 388 4X42B EN 407 X1XXXX ISO 18889 GR	EN 388 4X42C	EN 388 4X43D
ISO 13997: 6N	ISO 13997: 6N	ISO 13997: 6N	ISO 13997: 13N	ISO 13997: 18N



MECHANICAL PROTECTION CUT PROTECTION: KRYTECH RANGE

The Mapa Professional range of cut-protection gloves provides both protection and excellent hand comfort with gloves designed for various types of jobs involving cut hazards such as working with metal sheets, blades, sheets of glass or any sharp objects.



SLEEVES

In certain workstations, users need extra protection to cover the forearm. Our range of sleeves provides cut protection as well as comfort and easy donning products.

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the cuff most suitable for your working environment:

- dry** and **relatively clean** environments
- oily** and **very dirty** environments
- wet** environments

2 RISK

The higher the level of performance, the greater the ability of the cuff to stand up to the combined effects of the sharpness of the cutting edge and the pressure applied.

- low** risk - ISO B
- moderate** risk - ISO C
- high** risk - ISO D
- very high** risk - ISO E & ISO F

for all environments

low RISK	moderate RISK	high RISK
KRYTECH 532 	KRYTECH 603 	KRYTECH 538 
<p>Adjustable seamless knitted sleeves that provide light cut protection, optimal comfort and freedom of movement to the wearer</p>	<p>Adjustable and ultra-comfortable sleeves designed with an advanced seamless knit for a perfect fit, fresh feel and excellent flexibility providing moderate cut protection</p>	<p>Adjustable seamless knitted sleeves that provide high cut protection, optimal comfort and freedom of movement to the wearer</p>
<p>Liner Seamless knitted textile support in HDPE fibres</p> <p>Specific features Self-gripping tape closure system Thumbslot Gauge 13 Length 45 cm Width 140 mm Size Unique Washable x5</p>	<p>Liner Seamless knitted textile support in HDPE fibres</p> <p>Specific features Self-gripping tape closure system Yellow thumbslot for a better visibility Gauge 15 Length 53 cm Width 120 mm Size Unique Washable x3</p>	<p>Liner Seamless knitted textile support in HDPE and composite fibres</p> <p>Specific features Self-gripping tape closure system Thumbslot Gauge 13 Length 60 cm Width 150 mm Size Unique Washable x5</p>
 STANDARD 100 CCIP/PIZ IFTH CAT 2 EN 388  3X4XB ISO 13997: 6.8N	 STANDARD 100 CCIP/PIZ IFTH CAT 2 EN 388  3X42C ISO 13997: 12.9N	 STANDARD 100 CCIP/PIZ IFTH CAT 2 EN 388  3X4XD ISO 13997: 20N
 		
 x6 pairs sleeves  x72 pairs sleeves	 x6 pairs sleeves  x72 pairs sleeves	 x6 pairs sleeves  x48 pairs sleeves  x12 pairs sleeves  x48 pairs sleeves

MECHANICAL PROTECTION

CUT PROTECTION: KRYTECH - EXONIT RANGE

The Mapa Professional range of cut-protection gloves provides both protection and excellent hand comfort with gloves designed for various types of jobs involving cut hazards such as working with metal sheets, blades, sheets of glass or any sharp objects.



HEAVY-DUTY WORK

Users working in heavy duty environments with cut risks need cut protective gloves that are resistant enough to all type of tasks and that provide good flexibility as they can be worn for hours or days.

Our KRYTECH HEAVY DUTY ranges provide all required attributes:

- Different levels of cut protection to be adapted to the work conditions
- Easy to don and doff
- Ease of movement and gripping
- Different service lives to suit every job
- Gloves adapted to different environments (dry, wet, oily, greasy, dirty etc)
- Superior performance in slippery settings for certain products
- Specific protection depending on the glove (eg: impact protection)

HOW CAN YOU REFINE YOUR CHOICE?

1 ENVIRONMENT

Select the glove most suitable for your working environment:

- ☒ **dry** and **relatively clean** environments
- ☒ **oily** and **very dirty** environments
- ☒ **wet** environments

2 RISK

The higher the level of performance, the greater the glove's resistance to the combined effects of the sharpness of the object's cutting edge and the pressure applied.

- ⚠ **low** risk - ISO B
- ⚠ **moderate** risk - ISO C
- ⚠ **high** risk - ISO D
- ⚠ **very high** risk - ISO E & ISO F

3 SERVICE LIFE

The service life of a glove for precision work is directly linked to the thickness of the polymer layer covering the fabric and the nature of the fabric, in a given environment.

- ⌚ **short** service life
- ⌚ **long** service life
- ⌚ **high-performance** service life

☒ dry and relatively clean ENVIRONMENTS		☒ wet ENVIRONMENTS		☒ oily and very dirty ENVIRONMENTS	
⚠ high RISK	⚠ very high RISK	⚠ high RISK	⚠ low RISK	⚠ high RISK	
high-performance SERVICE LIFE					

KRYTECH 836	KRYTECH 832	KRYTECH 837	KRYTECH 840	KRYTECH 380	KRYTECH 395	KRYTECH 851	EXONIT 853
High cut protection and resistance to wear with optimal dexterity and comfort	High cut protection for handling heavy, sharp objects in dry and relatively clean environments	High cut protection designed to ensure comfort, dexterity and durability for heavy handling work	High cut protection for handling heavy or sharp objects in wet environments	Light protection against cutting, grip and skin protected for heavy handling operations in oily/dirty environments	Lasting chemical protection and high cut protection combined	High cut protection, shock absorption, durability and comfort for heavy handling work	High cut protection combining shock absorption on the back, comfort thanks to palm pads and dexterity
Liner Seamless knitted textile support in composite and HDPE fibres Gauge 13 Coating Leather covering on palm with thumb/index finger reinforcements Cuff Knitted wrist Size 7 8 9 10 11 Length 27-32 cm Washable x5	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 10 Coating Leather covering on palm with thumb/index finger reinforcements Cuff Knitted wrist Size 8 9 10 11 Length 24-27 cm Washable x5	Liner Seamless knitted textile support in HDPE and composite fibres Gauge 13 Coating Foam nitrile coating with leather reinforcement at palm except thumb and index fingertips Cuff Knitted wrist Size 8 9 10 11 Length 30 cm Washable x5	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 10 Coating Latex palm and fingers/Non-slip embossed Cuff Knitted wrist Size 7 8 9 10 Length 23-26 cm	Liner Seamless textile support in HDPE and cotton fibres Gauge 13 Coating Double layer coating: Smooth nitrile - Sandy Nitrile Safety cuff Size 8 9 10 Length 24-29 cm Thickness 2 mm	Liner Cotton textile support Coating Nitrile between internal and external finish Size 8 9 10 Length 32 cm Thickness 2.15 mm	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 13 Coating Double layer coating: Smooth nitrile - Sandy Nitrile Safety cuff Size 7 8 9 10 11 Length 25-28 cm	Liner Seamless knitted textile support in composite and HDPE fibres Gauge 13 Coating 3/4 Grip & Proof nitrile coating Double layer coating: Smooth nitrile - Sandy Nitrile TPR full protection pad on back-of-hands Cuff Knitted wrist Size 9 10 11 Length 26.5-28.5cm
CAT 2	CAT 2	CAT 2	CAT 2	CAT 2	CAT 3	CAT 2	CAT 2
EN 388 4X43D EN 407 X1XXXX ISO 13997: 17.2N	EN 388 4X43E EN 407 X1XXXX ISO 13997: 24.3N	EN 388 4X44E* EN 407 X1XXXX ISO 13997: 38.5N	EN 388 3X43D EN 407 X2XXXX ISO 13997: 19.8N	EN 388 4344B EN 407 X1XXXX ISO 13997: 7.6N	EN 388 4X43D EN 407 X1XXXX ISO 13997: 20.4N	EN 388 4X43DP ISO 13997: 17.6N	EN 388 4X43DP ISO 13997: 21.5 N
*gloves certify level ISO CUT F will be in stock Q3 2025							
x1 x12 x48	x1 x12 x72	x12 x48	x1 x12 x72	x1 x6 x48	x1 x12	x1 x12 x48	x1 x12 x48

THERMAL PROTECTION PROTECTION: HEAT AND COLD

Mapa Professional's gloves protect hands in extreme conditions, from 175°C heat to sub-zero cold, ensuring safety across industries like manufacturing, construction, and food processing.

Key benefits:

- Good insulation and durability
- Ergonomic fit for prolonged comfort
- Excellent dexterity for precision in tough environments

Ideal for high-heat tasks or cold storage operations, combining safety and performance.



HOW CAN YOU REFINE YOUR CHOICE?

1 TEMPERATURE

Depending on the temperature of the objects to be handled.

- Temperature -10°C
- Temperature up to 150°C
- Temperature above 150°C

2 ENVIRONMENT

Depending on the environment in which you are working.

- wet environments
- dry environments
- moderately oily environments
- chemical environments

3 USAGE DURATION

In cold settings, the duration depends on the intrinsic quality of the coating material. In hot settings, the duration depends on the contact time with the part at a given temperature.

- | | |
|-------------------------------|---------------------------|
| SERVICE LIFE (COLD) | CONTACT TIME (HOT) |
| long service life | short contact |
| high-performance service life | prolonged contact |

TEMPERATURE -10°C		TEMPERATURE up to 150°C		TEMPERATURE above 150°C																											
wet ENVIRONMENTS		wet dry moderately oily ENVIRONMENTS		wet chemical moderately oily ENVIRONMENTS																											
long SERVICE LIFE		high-performance SERVICE LIFE		long SERVICE LIFE																											
<table border="0"> <tr> <td> CONTACT TIME short-term</td> <td> CONTACT TIME prolonged</td> </tr> <tr> <td>80°C 70s</td> <td>80°C 1min50s</td> </tr> <tr> <td>100°C 30s</td> <td>100°C 1min</td> </tr> <tr> <td>125°C 20s</td> <td>125°C 38s</td> </tr> </table>		CONTACT TIME short-term	CONTACT TIME prolonged	80°C 70s	80°C 1min50s	100°C 30s	100°C 1min	125°C 20s	125°C 38s	<table border="0"> <tr> <td> CONTACT TIME prolonged</td> <td> CONTACT TIME short-term</td> </tr> <tr> <td>80°C 1min50s</td> <td>100°C 37s</td> </tr> <tr> <td>100°C 1min</td> <td>150°C 16s</td> </tr> <tr> <td>125°C 38s</td> <td>175°C 12s</td> </tr> <tr> <td>250°C* 18s</td> <td></td> </tr> </table>		CONTACT TIME prolonged	CONTACT TIME short-term	80°C 1min50s	100°C 37s	100°C 1min	150°C 16s	125°C 38s	175°C 12s	250°C* 18s											
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<p>Internal finish Jersey textile support lined with a brushed synthetic knit liner</p> <p>External finish Pebbled PVC coating</p> <p>Size 9 10</p> <p>Length 30 cm</p>		<p>Internal finish Double seamless knitted textile support</p> <p>Gauge 10 for internal seamless Gauge 15 for external seamless</p> <p>External finish 3/4 smooth nitrile coating with sandy nitrile on the palm and fingers</p> <p>Cuff Knitted wrist</p> <p>Size 7 8 9 10</p> <p>Length 24-27 cm</p> <p>Washable x5</p>		<p>Internal finish Seamless knitted textile support</p> <p>Gauge 13</p> <p>External finish Nitrile coating and dot embossing on palm and finger</p> <p>Cuff Knitted wrist</p> <p>Size 7 9 11</p> <p>Length 23-27 cm</p>																											
<p>Internal finish Knitted seamless textile support made from aramid fibres</p> <p>Gauge 10</p> <p>External finish Nitrile coating and dot embossing on palm and finger</p> <p>Cuff Knitted wrist</p> <p>Size 7 9 11</p> <p>Length 24-28 cm</p>		<p>Internal finish Knitted thermal protection</p> <p>External finish Non-slip embossed Nitrile coating</p> <p>Size 7(S) 9(M) 10(L)</p> <p>Length 45 cm</p>		<p>Internal finish Knitted thermal protection</p> <p>External finish Pebbled Polychloroprene (neoprene) coating</p> <p>Size 8 9 10</p> <p>Length 36 cm</p>																											
<p>CAT 3</p> <table border="0"> <tr> <td>EN 388 3221X</td> <td>EN ISO 374-1 TYPE B KPT</td> <td>EN 388 3222X</td> <td>EN 511 02X</td> </tr> <tr> <td>EN 511 121</td> <td>EN ISO 374-5</td> <td></td> <td></td> </tr> </table>		EN 388 3221X	EN ISO 374-1 TYPE B KPT	EN 388 3222X	EN 511 02X	EN 511 121	EN ISO 374-5			<p>CAT 2</p> <table border="0"> <tr> <td>EN 388 4111X</td> <td>EN 407 X1XXXX</td> <td>EN 388 4X32B</td> <td>EN 407 X2XXXX</td> </tr> <tr> <td></td> <td></td> <td colspan="2">EN ISO 13997: 7N</td> </tr> </table>		EN 388 4111X	EN 407 X1XXXX	EN 388 4X32B	EN 407 X2XXXX			EN ISO 13997: 7N		<p>CAT 3</p> <table border="0"> <tr> <td>EN 388 4443D</td> <td>EN 511 111</td> <td>EN 407 X2XXXX</td> <td>EN 388 2212X</td> <td>EN 511 111</td> </tr> <tr> <td>EN ISO 374-1 TYPE A AFGJOT</td> <td>EN ISO 374-5</td> <td></td> <td>EN ISO 374-1 TYPE A ACLMNS</td> <td>EN 407 X2XXXX</td> </tr> </table>		EN 388 4443D	EN 511 111	EN 407 X2XXXX	EN 388 2212X	EN 511 111	EN ISO 374-1 TYPE A AFGJOT	EN ISO 374-5		EN ISO 374-1 TYPE A ACLMNS	EN 407 X2XXXX
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x1 x48		x1 x12 x72		x1 x6																											

*At 250°C the glove can become stiffer and the color might change, without altering the product performances.

FOOD EXPERT RANGE

Compliance with hygiene rules is an essential requirement in the food industry. The industry invests to continuously improve the safety of its customers, as producers alone are legally liable for the sanitary quality of their products.

European Regulations define in great detail the food contact tests to be performed for each type of food. Therefore, a glove may be approved for the handling of certain foodstuffs but not others.

Indeed, simply affixing the pictogram to a glove without giving more detailed information does not provide an adequate guarantee of compatibility with a given food.

Through its dedicated food industry selection guide, Mapa Professional aims to help end users check the food compliance of each glove according to the foods they actually handle, strictly in line with European Regulations.

By providing the test results for all of the gloves in its Food Expert range, Mapa Professional aims to meet the strictest requirements of its customers' quality systems.

These tests are available on our Mapa Professional website

mapa-pro.com






SELECT THE RIGHT GLOVE FOR YOU DEPENDING ON THE FOOD HANDLED

- STEP 1 Find the food you handle using the food groups.
- STEP 2 Identify the gloves suitable for handling this type of food.

THEN CHECK YOUR GLOVE FOR USE AND COMFORT

- STEP 3 Turn to the next page to choose the level of protection required (disposable, thermal protection, cut protection, liquid-proof) and the performance required based on your use.

FOOD CONTACT: YOUR SELECTION GUIDE

-  Suitable for contact with this type of food
-  If pH > 4.5, suitable for contact with this type of food
If pH < 4.5, unsuitable
-  Unsuitable for contact with this type of food

SELECT THE RIGHT GLOVE

STEP 1	YOU ARE HANDLING	DISPOSABLE GLOVES						LIQUIDPROOF GLOVES															
		PVC		Natural latex		Nitrile		Thermal Protection	Handling Protection	Cut Protection	Natural latex			Nitrile									
		SOLO 990	SOLO 988	SOLO PLUS 995	SOLO 967	SOLO 997	SOLO 980	TEMPCOOK 476	TEMPICE 700	ULTRANE 541/641	ULTRANE 510	KRYTECH 693/694	KRYTECH 838	VITAL 175	VITAL 177	VITAL 165	JERSETTE 308	HARPON 326	ULTRANITRIL 472	ULTRANITRIL 480	ULTRANITRIL 475	ULTRANITRIL 495	
DRINKS	Non-alcoholic beverages or alcoholic beverages of an alcoholic strength lower than or equal to 6% vol. clear	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Non-alcoholic beverages or alcoholic beverages of an alcoholic strength lower than or equal to 6% vol. cloudy	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Alcoholic beverages of an alcoholic strength of between 6% vol. and 20%	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Alcoholic beverages of an alcoholic strength above 20%	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CEREALS, STARCH, SUGAR, CHOCOLATE AND BY-PRODUCTS	Starches, cereals, flour, meal, dry pasta e.g. macaroni, spaghetti and similar products and fresh pasta	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Biscuits, pastry, cakes and other bakery products, dry, sugar and confectionery products in solid form; without fatty substances	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Biscuits, pastry, cakes and other bakery products and confectionery products in solid form; with fatty substances, chocolate, substitutes and products coated	✗	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
	Confectionery products in moist past form	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FRUITS, VEGETABLES AND BY-PRODUCTS	Molasses, sugar syrups, honey	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Confectionery products with fatty substances on the surface	✗	✓	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✗	✗	✓	✓	✓	✓	✓
	Whole fruit, fresh or chilled, unpeeled; dried or dehydrated fruits; nuts shelled and roasted	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fresh vegetables, peeled or cut	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Processed: cut, in the form of purées, paste or preserved in an aqueous medium, including pickled and in brine	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Processed in an alcoholic medium	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FAT AND OILS	Preserved vegetables in an oily medium	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓
	Preserved fruits in an oily medium	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓
ANIMAL PRODUCTS AND EGGS	Nuts in paste or cream form	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓
	Animal or vegetable, natural or treated	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Water emulsions in oil (margarine, butter)	✗	✓	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Crustaceans and molluscs not naturally protected by their shells, preserved fish in an aqueous medium	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Crustaceans and molluscs not naturally protected by their shells, preserved fish in an oily medium, marinated meat products in an oily medium	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓
	Crustaceans and molluscs fresh within the shell	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fresh fish, chilled, salted, smoked or in the form of paste	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Meat of all zoological species, fresh, chilled, salted, smoked or in the form of paste, creams	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DAIRY PRODUCTS	Preserved and part-preserved meat in an aqueous medium	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Preserved and part-preserved meat in an oily medium	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
	Eggs, egg yolks, whites of eggs in a powdered or dried or frozen form	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Eggs, egg yolks, whites of eggs in a liquid or cooked form	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Whole, skimmed or partly dried milk	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fermented milk (yoghurt, butter milk), cream and sour cream	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DRESSING	Natural cheese without rind or with edible rind and melting cheese	✗	✓	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓
	Whole cheeses with non-edible form	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Processed cheese (soft cheese), preserved cheese in an aqueous medium (mozzarella...)	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Preserved cheese in an oily medium	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓
MIXED FOOD PREPARATIONS	Milk powder including infant formula	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sauces with aqueous character	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sauces with fatty character (e.g. mayonnaise, salad creams...)	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓
	Mustard	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Vinegar	✓	✗	✗	✗	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓
	Sandwiches, toasted bread, pizza containing any kind of foodstuff with fatty substances on the surface	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Sandwiches, toasted bread, pizza containing any kind of foodstuff but without fatty substances on the surface	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Soups, sauces, broths powdered or dried with fatty characters (including yeast)	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OTHERS	Soups, sauces, broths powdered or dried but without fatty characters (including yeast)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Soups, sauces, broths in any other form with fatty characters (including yeast)	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Soups, sauces, broths in any other form but without fatty characters (including yeast)	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fried or roasted foods of plant origin (potatoes or donut)	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fried or roasted foods of animal origin	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Dried foods with fatty substances on the surface	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Dried foods without fatty substances on the surface	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Herbs, spices, aromatic herbs, coffee and coffee substitutes, granulated or powdered	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
OTHERS	Spices and seasoning in oily medium	✗	✗	✗	✓	✓	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓
	Cocoa powder	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Cocoa paste	✗	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Concentrated extracts of an alcoholic strength equal to or exceeding 6% vol.	✗	✓	✗	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Frozen or deep-frozen foods	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ice-creams	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

FOOD EXPERT RANGE

Compliance with hygiene rules is an essential requirement in the food industry. The industry invests to continuously improve the safety of its customers, as producers alone are legally liable for the sanitary quality of their products.

European Regulations define in great detail the food contact tests to be performed for each type of food. Therefore, a glove may be approved for the handling of certain foodstuffs but not others.





























Indeed, simply affixing the pictogram to a glove without giving more detailed information does not provide an adequate guarantee of compatibility with a given food.

Through its dedicated food industry selection guide, Mapa Professional aims to help end users check the food compliance of each glove according to the foods they actually handle, strictly in line with European Regulations.

By providing the test results for all of the gloves in its Food Expert range, Mapa Professional aims to meet the strictest requirements of its customers' quality systems.



DISPOSABLE GLOVES

POLYMER PVC / VINYL		POLYMER NATURAL LATEX		POLYMER NITRILE	
FINISH POWDER FREE	FINISH POWDERED	FINISH POWDER FREE	FINISH POWDER FREE	FINISH CHLORINATED	FINISH EASY DONNING TREATMENT
SOLO 990	SOLO 988	SOLO PLUS 995	SOLO 967	SOLO 997	SOLO 980
					
The good value for precise movements in food handling	The perfect protection for light food handling	The ideal protection for light food handling	Great value for light handling of oily food Supplied in bags or boxes	Good mechanical resistance, fingers sensitivity for handling of oily foods	Excellent mechanical resistance with very good chemical protection, ideal for various environments
External finish Smooth	External finish Smooth	External finish Smooth with pebbled fingertips	External finish Smooth with pebbled fingertips	External finish Smooth with pebbled fingertips	External finish Pebbled
Size 6 7 8 9	Size 6 7 8 9	Size 6 7 8 9	Size 6 7 8 9	Size 6 7 8 9	Size 6 7 8 9 10 11
Length 24 cm	Length 24 cm	Length 24 cm	Length 24 cm	Length 24 cm	Length 30 cm
Thickness 0.07 mm	Thickness 0.08 mm	Thickness 0.10 mm	Thickness 0.07 mm	Thickness 0.10 mm	Thickness 0.20 mm
 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56
CAT 3	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3
EN ISO 374-1 TYPE C 	EN ISO 374-1 TYPE C 	EN ISO 374-1 TYPE C 	EN ISO 374-1 TYPE C 	EN ISO 374-1 TYPE B 	EN ISO 374-1:2016 TYPE B 
EN ISO 374-5 	EN ISO 374-5 	EN ISO 374-5 	EN ISO 374-5 	EN ISO 374-5 	EN 421:2010 
VIRUS	VIRUS	VIRUS	VIRUS	JKT VIRUS	JKPT VIRUS
 x100 gloves	 x1,000 gloves			 x50 gloves	 x500 gloves

FOOD EXPERT RANGE

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













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By providing the test results for all of the gloves in its Food Expert range, Mapa Professional aims to meet the strictest requirements of its customers' quality systems.



THERMAL PROTECTION		HANDLING PROTECTION		CUT PROTECTION					
MATERIAL NITRILE		MATERIAL WATER-BASED POLYMER	MATERIAL NITRILE	MATERIAL TEXTILE FIBRE	MATERIAL NITRILE				
<p>CONTACT TIME prolonged</p> <p>80°C 1min50s</p> <p>100°C 1min</p> <p>125°C 38s</p> <p>250°C* 18s</p>		<p>high-performance SERVICE LIFE</p> <p>TEMPERATURE -10°C</p>		<p>long SERVICE LIFE</p>		<p>short SERVICE LIFE</p>			
<p>TEMPCOOK 476</p>  <p>Hygiene and effective thermal protection - 100% liquid-proof</p>		<p>TEMPICE 700</p>  <p>Dexterity and comfort for optimised thermal protection and durability</p>		<p>ULTRANE 510</p>  <p>Optimal comfort, high level of breathability and durability</p>		<p>ULTRANE 541</p>  <p>Comfort and dexterity compliant with all type of foods</p>	<p>KRYTECH 838</p>  <p>Reinforced cut protection for the food industry - Ambidextrous</p>	<p>KRYTECH 693</p>  <p>Medium cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge.</p>	<p>KRYTECH 694</p>  <p>High cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge.</p>
<p>Internal finish Knitted thermal protection</p> <p>External finish Non-slip embossed</p> <p>Size 7(S) 9(M) 10(L)</p> <p>Length 45 cm</p>		<p>Liner Seamless knitted textile support</p> <p>Gauge 13</p> <p>Coating Polymer coating with aqueous base on palm and fingers</p> <p>Cuff Knitted wrist</p> <p>Size 6 7 8 9 10 11</p> <p>Length 22-27 cm</p> <p>Washable x1</p>		<p>Liner Seamless knitted textile support</p> <p>Gauge 15</p> <p>Coating Foam nitrile coating with sandy finish on palm and fingers</p> <p>Cuff Knitted wrist</p> <p>Size 6 7 8 9 10 11</p> <p>Length 22-28 cm</p> <p>Washable x1</p>		<p>Internal finish Seamless textile support in HDPE fibres</p> <p>Gauge 10</p> <p>Cuff Knitted wrist</p> <p>Size 6 7 8 9 10 11</p> <p>Length 34 cm</p> <p>Washable x20</p>	<p>Liner Seamless knitted textile support in composite and HDPE fibres</p> <p>Gauge 18</p> <p>Coating Foam nitrile coating on palm and fingers</p> <p>Cuff Knitted wrist</p> <p>Size 6 7 8 9 10 11</p> <p>Length 24-29 cm</p> <p>Washable x1</p>	<p>Liner Seamless knitted textile support in composite and HDPE fibres</p> <p>Gauge 18</p> <p>Coating Foam nitrile coating on palm and fingers</p> <p>Cuff Knitted wrist</p> <p>Size 6 7 8 9 10 11</p> <p>Length 24-29 cm</p> <p>Washable x1</p>	
<p> *See food compatibility chart, p. 56</p> <p>CAT 3</p>		<p> *See food compatibility chart, p. 56</p> <p>CAT 2</p>		<p> *See food compatibility chart, p. 56</p> <p>CAT 2</p>		<p> *See food compatibility chart, p. 56</p> <p>CAT 2</p>	<p> *See food compatibility chart, p. 56</p> <p>CAT 2</p>	<p> *See food compatibility chart, p. 56</p> <p>CAT 2</p>	
<p>EN 388 EN511 EN 407</p> <p>4443D 111 X2XXXX</p> <p>EN ISO 374-1 TYPE A EN ISO 374-5</p> <p>AFGJOT</p>		<p>EN 388 EN511</p> <p>3222X 02X</p>		<p>EN 388</p> <p>4131X</p>		<p>EN 388 EN 407</p> <p>4121A X1XXXX</p>	<p>EN 388</p> <p>2X4XE</p> <p>ISO 13997: 24.2 N</p>	<p>EN 388 EN 16350</p> <p>4X42C</p> <p>ISO 13997: 14.5N</p>	<p>EN 388 EN 16350</p> <p>4X42D</p> <p>ISO 13997: 18N</p>
<p> x1  x6</p>		<p> x1  x12  x72</p>		<p> x1  x12  x96</p>		<p> Only 641 x1  x12  x96</p>	<p> x1 glove  x10 gloves</p>	<p> x1  x12  x48</p>	

*At 250°C the glove can become stiffer and the color might change, without altering the product performances.





FOOD EXPERT RANGE



HOW CAN YOU REFINE YOUR CHOICE?

1 WEAR TIME

Identifies the comfort level required by the operator. The longer the wear time, the more comfortable the glove needs to be (perspiration, flexibility/fatigue).

-  **short wear**
(Chlorinated interior finish)
-  **intermittent wear**
(Flocked interior finish)
-  **continuous wear**
(Fabric-lined interior finish)
-  **ultra-comfort wear**
(MAPA exclusive technology providing greater flexibility)

2 MATERIAL

Materials guide for disposable and liquid-proof gloves.

Natural latex

Flexibility, comfort and value for money.






































Nitrile

Strength, durability, handling of oily foods with no risk of allergies.



NEW:
Discover our
FSC® Latex gloves range

LIQUIDPROOF GLOVES

MATERIAL NATURAL LATEX					MATERIAL NITRILE			
FINISH EASY DONNING TREATMENT	FINISH CHLORINATED	FINISH FLOCKED	FINISH TEXTILE	FINISH REINFORCED GRIP	FINISH EASY DONNING TREATMENT	FINISH CHLORINATED	FINISH FLOCKED	
 short WEAR		 intermittent WEAR			 short WEAR		 intermittent WEAR	
VITAL 175	VITAL 177	VITAL 165	JERSETTE 308	HARPON 326	ULTRANITRIL 472	ULTRANITRIL 480	ULTRANITRIL 475	ULTRANITRIL 495
								
Flexibility and precision dexterity	Dexterity and flexibility	Light glove, supple and flexible	Comfortable and suitable for long-term work	Comfort and safety for gripping bulky, slippery foods	Fingertip precision for handling oily foods	Forearm protection for safe handling of oily foods	Liquid-proof and strong for handling oily foods	The lasting solution for safe handling of oily foods
Internal finish Easy donning treatment	Internal finish Chlorinated	Internal finish Flocked	Internal finish Textile support	Internal finish Textile support	Internal finish Easy donning treatment	Internal finish Chlorinated	Internal finish Flocked	Internal finish Flocked
External finish Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed	External finish Smooth	External finish Reinforced grip	External finish Pebbled	External finish Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed
Size 6 7 8 9 10	Size 6 7 8 9 10	Size 7 8 9 10	Size 6 7 8 9 10	Size 6 7 8 9 10	Size 6 7 8 9 10	Size 7 8 9 10	Size 6 7 8 9 10	Size 6 7 8 9 10
Length 31 cm	Length 31 cm	Length 30 cm	Length 30-32 cm	Length 32 cm	Length 31 cm	Length 46 cm	Length 31 cm	Length 32 cm
Thickness 0.40 mm	Thickness 0.40 mm	Thickness 0.29 mm	Thickness 1.15 mm	Thickness 1.35 mm	Thickness 0.20 mm	Thickness 0.55 mm	Thickness 0.34 mm	Thickness 0.38 mm
 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56	 *See food compatibility chart, p. 56
CAT 3	CAT 3	CAT 1	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3
EN 388 0010X	EN 421:2010 0010X	EN 388 0010X	EN ISO 374-1 TYPE B 2131X	EN ISO 374-1 TYPE B 3141X	EN 388 2101X	EN ISO 374-1 TYPE B 4102X	EN 388 3001X	EN 388 3101X
EN ISO 374-1 TYPE B KPT	EN ISO 374-5 VIRUS	EN ISO 374-5 KPT	EN ISO 374-1 TYPE B KPT	EN ISO 374-1 TYPE B KPT	EN ISO 374-1 TYPE B JOT	EN ISO 374-1 TYPE A AJKOPT	EN ISO 374-1 TYPE B JOT	EN ISO 374-1 TYPE A AJKOPT
EN ISO 374-5 KPT	EN ISO 374-5 VIRUS	EN ISO 374-5 KPT	EN 407 X1XXXX	EN 407 X1XXXX	EN ISO 374-5 VIRUS	EN ISO 374-5 ISO 18889 G2	EN ISO 374-5 JOT	EN ISO 374-5 AJKOPT
 x1  x10  x100	 x1  x5  x50	 x10  x100	 x1  x12	 x12  x72	 x1  x10  x100			

CRITICAL ENVIRONMENT PROTECTION

Mapa Professional gloves are specifically engineered to meet the stringent demands of high-tech production, ensuring both operator safety and product protection. Manufactured through innovative processes and subject to strict quality control at every stage, these gloves guarantee compliance with the rigorous standards required in controlled environments. In industries such as electronics, pharmaceuticals, and biotechnology, where contamination control is essential, Mapa gloves offer tailored solutions.



Their advanced materials and design features:

- Minimize particle dispersion
- Ensures the integrity of sensitive products and processes

Mapa Professional delivers optimal safety, product integrity, and process efficiency in critical environments.

QUALITY GUARANTEED AT EVERY STAGE OF PRODUCTION

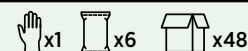
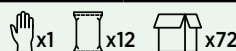
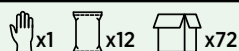
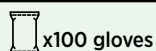
- Mapa Professional uses its own post-manufacturing cleaning process and clean rooms to maintain a level of product and packaging quality that meets requirements for cleanliness and sterility.
- All manufacturing sites have ISO 9002 certification.
- The levels of glove cleanliness are tested periodically to ensure that the production quality of these gloves intended for use in critical environments complies with established specifications.
- Each chemical protection glove is tested using appropriate methods to detect any sealing defects so as to maintain operator safety.
- The chemical resistance checks comply with ASTM standards and EN 374-3, providing users with the information they need to choose a suitable glove for a given application.

YOUR PRIORITIES ARE OUR PRIORITIES

- Improving user effectiveness, productivity and safety by designing gloves that are ever-more effective and safe to use
- Increasing production yields by reducing the amount of contaminants in products

CONTROLLED ENVIRONMENT (CLEAN ROOMS)

ADVANTECH 529		ADVANTECH 519		ADVANTECH 517		
Reinforced mechanical resistance for short-duration operations		The chemical protection of nitrile combined with excellent mechanical resistance		An exclusive, comfortable tripolymer for optimal mechanical and chemical resistance		
Material Nitrile		Material Nitrile		Material Mixed formulas (latex, polychloroprene (neoprene) and nitrile)		
Internal finish Chlorinated		Internal finish Chlorinated		ADVANTECH 514	ADVANTECH 517	ADVANTECH 522
External finish Smooth with pebbled fingertips		External finish Smooth with pebbled palm & fingertips		Internal finish Chlorinated	Internal finish Chlorinated	Internal finish Chlorinated
Size 5 6 7 8 9 10		Size 7 8 9 10		External finish Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed
Length 30 cm		Length 33 cm		Size 7 8 9 10	Size 6 7 8 9 10	Size 8 9 10
Thickness 0.10 mm		Thickness 0.28 mm		Length 38 cm	Length 36 cm	Length 62.5 cm
Thickness 0.10 mm		Thickness 0.28 mm		Thickness 0.50 mm	Thickness 0.50 mm	Thickness 0.50 mm
CAT 3		CAT 3		CAT 3		
EN ISO 374-1 TYPE B EN ISO 374-5 JKT EN 421:2010		EN 388 2001X EN ISO 374-1 TYPE B JOT EN ISO 374-5		EN 388 1110X	EN ISO 374-1 TYPE B KST	EN ISO 374-5



Packaging information

References	Pair/Bag	Pairs/ Masterbag	Pairs/ Carton	Page N°
115	1	10	100	17
117	1	10	100	17
124	1	10	100	17
165	1	10	100	17, 63
175	1	10	100	17, 63
177	1	10	100	17, 63
180	1	10	100	17
258	1	10	100	19
260	1	10	50	21
285	1	-	30	21
298	1	5	50	21
299	1	5	50	21
300	1	5	50	19
301	1	5	50	19
307	1	5	50	19
308	1	5	50	19, 63
315	1	6	48	41
319	1	5	50	41
321	1	5	50	21
325	1	5	50	21
326	1	5	50	63
328	1	12	96	41
330	1	5	50	41
332	1	-	6	55
339	1	-	6	27
340	-	5	50	27
341	-	5	50	27
344	1	-	1	29
351	-	12	72	17
358	-	12	72	25
369	-	5	50	17
375	1	5	50	39
377	-	5	50	25
380	1	6	48	53
381	-	12	72	25
382	-	12	72	27

References	Pair/Bag	Pairs/ Masterbag	Pairs/ Carton	Page N°
538	-	6	48	51
538 VM	-	12	48 sleeves	51
540	1	10	100	17
541	-	12	96	37, 61
544	1	12	96	37
548	1	12	96	35
548 VM	1	12	96	35
549	1	12	96	35
549 VM	1	12	96	35
550	1	10	100	35
550 VM	1	10	100	35
551	1	10	100	35
553	1	10	100	37
557	1	10	50	43
558	1	12	96	43
563	1	12	96	45
578	1	12	48	43
579	1	12	96	43
579 polybag	-	12	96	43
579 VM	1	6	96	43
580	1	12	48	49
582	1	12	48	49
584	1	12	96	43
585	1	12	48	49
586	1	12	48	47
588	1	12	48	45
599	1	12	48	49
600	1	12	48	49
603	-	6	72	51
609	1	12	48	43
610	1	12	48	45
615	1	12	48	47
622	1	12	48	47
641	1	12	96	37, 61
642	1	12	48	45
643	1	12	48	45

383	-	10	100	39
388	-	10	100	39
395	1	-	12	53
397	1	10	100	39
401	-	12	72	27
405	1	10	100	19
407	1	6	48	27
410	-	12	48	23
414	1	-	12	27
415	1	10	100	19
420	1	12	72	27
450	1	12	72	27
454	-	10	50	23
468	1	-	1	29
472	-	10	100	23, 63
475	-	12	72	23, 63
476	1	-	6	55, 61
480	1	-	12	25, 63
485	-	12	72	23
491	-	10	50	23
492	1	10	100	23
493	1	10	50	25
495	1	10	100	23, 63
500	1	12	96	37
500 VM	1	12	96	37
510	1	12	96	35, 61
514	1	12	72	65
517	1	12	72	65
519	1	12	72	65
520	1	10	100	17
522	1	6	48	65
524	1	12	96	35
525	1	12	96	37
525 polybag	-	12	96	37
526	1	12	96	37
527	1	12	96	37
529	-	100 gloves	1,000 gloves	65
532	-	6	72	51

644	1	12	48	47
645	1	12	48	47
648	1	12	96	35
650	1	-	6	29
651	1	-	6	29
664	1	-	48	37
681	1	12	48	35
692	1	12	48	45
693	1	12	48	45, 61
694	1	12	48	47, 61
700	1	12	72	55, 61
710	1	10	50	55
720	1	12	72	55
780	1	-	48	55
809	1	12	48	43
815	1	12	48	47
832	1	12	72	53
833	-	10	100	39
836	1	12	48	53
837	-	12	48	53
838	1 glove	-	10 gloves	47, 61
840	1	12	72	53
850	1	12	48	41
851	1	12	48	53
852	1	12	48	41
853	1	12	48	53
967	-	100 gloves	1,000 gloves	33, 59
977	-	100 gloves	1,000 gloves	33
980	-	50 gloves	500 gloves	33, 59
985	-	100 gloves	1,000 gloves	31
987	-	100 gloves	1,000 gloves	33
988	-	100 gloves	1,000 gloves	31, 59
990	-	100 gloves	1,000 gloves	31, 59
994	-	100 gloves	1,000 gloves	31
995	-	100 gloves	1,000 gloves	31, 59
997	-	100 gloves	1,000 gloves	33, 59
998	-	100 gloves	1,000 gloves	31
999	-	100 gloves	1,000 gloves	33

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