



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

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: $<10^8 \Omega$ 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 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.

EN 407



For gloves resistant to flame

EN 407



NEW

For gloves Non-resistant to flame

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).

ANSI/ISEA 105-2016:

The cut resistance standard from the American National Standards Institute (ANSI) and International Safety Equipment Association (ISEA) became effective in North America in March 2016. The updated ANSI/ISEA 105-2016 standard, based on the ASTM F2992-15 testing method, measures cut resistance for Industrial work gloves on a scale of A1-to-A9.

ANSI LEVEL	A1	A2	A3	A4	A5	A6	A7	A8	A9
CUT	CUT	CUT	CUT	CUT	CUT	CUT	CUT	CUT	CUT
Weight (grams) needed to cut through material	≥200	≥500	≥1,000	≥1,500	≥2,200	≥3,000	≥4,000	≥5,000	≥6,000

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 52
Thermal protection

PAGE 54
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.

PVC					NATURAL LATEX		
frequent CONTACT					splashes		
short WEAR		continuous WEAR			short WEAR	intermittent WEAR	
PYLOX V-5	PYLOX V-10	PYLOX V-20	TELSOL 369	TELSOL 351	VITAL 175	VITAL 165	VITAL 115
Hand-specific, curved-finger design for low hand fatigue, excellent fit	Comfort, flexibility and curved-finger design provide excellent fit	Dexterity and flexibility, curved-finger design for low hand fatigue, excellent fit	Good mechanical protection against low chemical hazards	Comfort, flexibility and mechanical protection for low chemical hazards	Dexterity and flexibility for light aggressive environments	Light glove, supple and flexible	Precision dexterity in non-aggressive environments

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



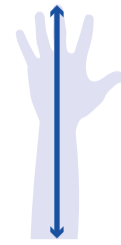
Scalloped cut

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.

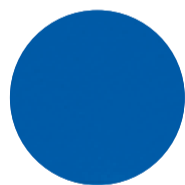


Ambidextrous gloves

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

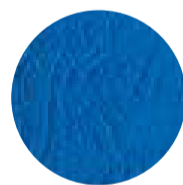


Various external finishes to suit your needs



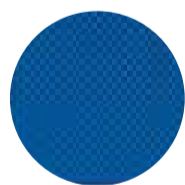
Smooth

No marking of objects being handled



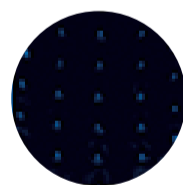
Reinforced grip

Excellent grip in wet environment



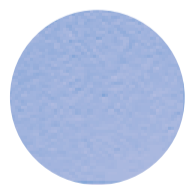
Non-slip embossed

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**.

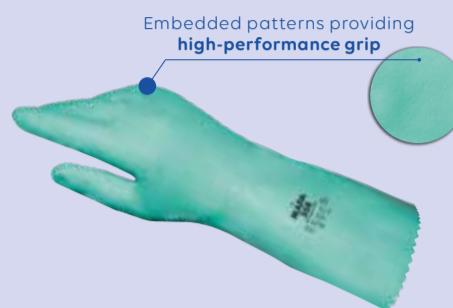
ULTRANITRIL 410



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.

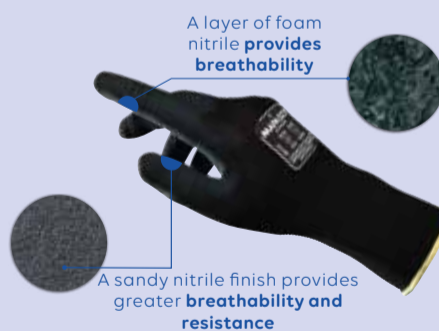
KRYTECH 599



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

NEW PRODUCTS

Products especially designed to meet chemical, mechanical and cut protection needs

CHEMICAL PROTECTION

ULTRANITRIL 410

CHEMICAL PROTECTION
TYPE A



Ideal glove for operations where cut & chemical protection are required

See page 23

ULTRANITRIL 358

CHEMICAL PROTECTION
TYPE A



Designed with an embedded optimal grip to safely handle tasks in dry & greasy environments

See page 25

NEW GENERATION OF GLOVES: ECO-DESIGNED KRYTECH RANGE

We are proud to announce that we are evolving our core cut resistant range in order to **reduce our environmental footprint**.

Introducing our **eco-designed KryTech gloves** manufactured with **recycled fibres*** (rPET) in the liner. Offering the same level of performance and the well-known Mapa Professional's quality, you won't notice the difference whilst you act for the planet.

KRYTECH 580 KRYTECH 599 KRYTECH 600 KRYTECH 610 KRYTECH 615



Recycled fibres



Cut protection



OEKO TEX
STANDARD
100
CE EN 388
IP 111

*See pages 43, 45, 47

HANDLING PROTECTION

ULTRANE 664



Eco-designed handling glove made of recycled fibres* with high dexterity and comfort

See page 37

THERMAL PROTECTION

TEMP-ICE 780

CHEMICAL PROTECTION
TYPE B



Hi-Vis PVC thermal glove with good resistance to oils, greases, and hydrocarbons

See page 53

CUT PROTECTION

KRYTECH 692



Light cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge. High vision textile for reinforced safety

See page 43

KRYTECH 694



High cut protection with second skin effect for optimal comfort and dexterity thanks to its 18 gauge. High vision textile for reinforced safety

See page 45

EXAMPLES OF APPLICATION

ULTRANITRIL 358



Chemical product blending

JERSETTE 301



Handling household detergents

SOLO 980



Cleaning tasks

KRYTECH 615



Maintenance with cut risk

Any question ?
Contact us on mapa-pro.com

Notes:

Lined area for notes.

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

Value for money
Mechanical strength

Excellent flexibility
Good puncture and tearing resistance
Suitable for cold environments

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

Good flexibility
Good thermal resistance

Excellent chemical resistance
Flexible and elastic

High chemical resistance

RESTRICTIONS

Not suitable for handling hot parts

Risk of allergies caused by the proteins in the natural latex

Not recommended for cold environments

Poor mechanical properties

Poor mechanical properties

CHEMICAL PROTECTION

REUSABLE: PVC - NATURAL LATEX 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			
frequent CONTACT					splashes			
short WEAR			continuous WEAR		short WEAR	intermittent WEAR		
PYLOX V-5 Hand-specific, curved-finger design for low hand fatigue, excellent fit	PYLOX V-10 Comfort, flexibility and curved-finger design provide excellent fit	PYLOX V-20 Dexterity and flexibility, curved-finger design for low hand fatigue, excellent fit	TELSOL 369 Good mechanical protection against low chemical hazards	TELSOL 351 Comfort, flexibility and mechanical protection for low chemical hazards <small>(available upon request)</small>	VITAL 175 Dexterity and flexibility for light aggressive environments <small>*FSC® certified only for Vital 175</small>	VITAL 165 Light glove, supple and flexible <small>(available upon request)</small>	VITAL 115 Precision dexterity in non-aggressive environments <small>(available upon request)</small>	
Internal finish Powdered	Internal finish Powdered	Internal finish Powdered	Internal finish Textile support	Internal finish Textile support	Internal finish Chlorinated	Internal finish Flocked	Internal finish Flocked	
External finish Smooth	External finish Smooth	External finish Smooth	External finish Pebbled	External finish Pebbled	External finish Non-slip embossed	External finish Non-slip embossed	External finish Non-slip embossed	
Size M, L, XL	Size M, L, XL	Size L, XL	Size 9 10	Size 8 9 10	Size 6 7 8 9 10	Size 7 8 9 10	Size 6 7 8 9	
Length 110.5 in 26.7 cm	Length 10.5 in 26.7 cm	Length 10.5 in 26.7 cm	Length 14 in 35 cm	Length 12 in 30 cm	Length 12 in 31 cm	Length 12 in 30 cm	Length 12 in 30.5 cm	
Thickness 5 mil 0.13 mm	Thickness 10 mil 0.25 mm	Thickness 20 mil 0.50 mm	Thickness 1.20 mm	Thickness 1.35 mm	Thickness 0.40 mm	Thickness 0.29 mm	Thickness 0.35 mm	
CAT 3			CAT 3		CAT 3	CAT 1		
EN ISO 374-5:2016 			EN 388 3131X EN ISO 374-1 TYPE B KPT		EN 388 4121X EN ISO 374-5 EN ISO 374-1 TYPE A KLMNPT		EN 421:2010 0010X EN ISO 374-1 TYPE B KPT	

CHEMICAL PROTECTION REUSABLE: NATURAL RUBBER 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		splashes		frequent CONTACT
intermittent WEAR		short WEAR	intermittent WEAR	continuous WEAR
ALTO 405 ACTIVATED Precision dexterity in aggressive environments <small>designed in partnership with FSC <small>www.fsc.org</small> <small>100% Latex from well-managed forests</small> <small>FSC® C139818</small></small> <small>MAPA</small>	CLASSICS L-200 Dexterity and flexibility in light aggressive environments	SURE-GRIP LF-128 Precision dexterity in non-aggressive environments Flock lining to absorb perspiration	JERSETTE 307 Exceptional comfort and precision dexterity in light aggressive environments <small>(available upon request)</small>	JERSETTE 315 (300, 301, 308) 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 13 in 33 cm Thickness 0.70 mm	Internal finish Unlined External finish Embossed texture Size 7 8 9 10 11 Length 12 in 31 cm Thickness 18 mil 0.46 mm	Internal finish Flocked External finish Embossed texture Size 7 8 9 10 11 Length 12 in 31 cm Thickness 20 mil 0.50 mm	Internal finish Textile support External finish Embossed Pebbled Size 6 7 8 9 Length 12 in 31 cm Thickness 0.75 mm	Internal finish Textile support External finish Reinforced grip Size 300: 5 6 7 8 9 10 301: 5 6 7 8 9 10 308: 6 7 8 9 10 315: 7 8 9 10 Length 300: 12 in 31 cm 301: 12 in 31 cm 308: 12 in 31 cm 315: 12.5 in 32 cm Thickness Hvy Wt. 0.75 mm
CAT 3				CAT 2
 EN ISO 374-5 VIRUS icon	 EN 421:2010 icon	 EN ISO 374-5:2016 icon EN 421 icon	 EN ISO 374-5:2016 icon EN 421 icon	 EN 407 X1XXXX icon EN 407 X1XXXX icon

CHEMICAL PROTECTION

REUSABLE: NATURAL RUBBER 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 LATEX MIX		MATERIAL LATEX
 frequent CONTACT		
 intermittent WEAR		 continuous WEAR
PROTECTOR AFR-282 	TWO-TONE NS-53 	TRIDENT 286 
Strong protection against aggressive detergents	Precision dexterity in aggressive environments	Good mechanical performance for long-lasting chemical protection
Internal finish Flocked External finish Non-slip embossing Size 6 7 8 9 10 Length 13 in 33 cm Thickness 26 mil 0.60 mm	Internal finish Flocked External finish Non-slip embossing Size 7 8 9 10 Length 13 in 33 cm Thickness 28 mil 0.70 mm	Internal finish Chlorinated External finish Smooth Size 9 10 11 Length 18 in 46 cm Thickness 40 mil 1.0 mm
CAT 3   	CAT 3    	CAT 3   
 	  	 

CHEMICAL PROTECTION

REUSABLE: NITRILE CHEMICAL 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    (available upon request)		ULTRANITRIL 472  (available upon request)		ULTRANITRIL 485*  (available upon request)
ULTRANITRIL 491*  (available upon request)		STANSOLV AF15/AF18  (available upon request)		
Cut and Chemical protection with better degradation performance against acids		Fingertip precision for light chemical protection and food handling		Good sensitivity for standard chemical protection
Good mechanical resistance and long-lasting chemical protection		Good mechanical resistance and longlasting 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 14 in 35 cm Thickness 1.70 mm		Internal finish Easy donning treatment External finish Pebbled Size 6 7 8 9 10 Length 12 in 31 cm Thickness 0.20 mm 		Internal finish Flocked External finish Non-slip embossed Size 7 8 9 10 Length 12 in 31 cm Thickness 0.34 mm
Internal finish Flocked External finish Non-slip embossed Size 6 7 8 9 10 Length 15 in 37 cm Thickness 0.38 mm		Internal finish Flocked External finish Non-slip embossed Size AF15 Sz 7 8 9 10 11 AF18 Sz 6 7 8 9 10 11 Length AF15 Sz 12 in 30 cm AF18 Sz 13 in 33 cm Thickness AF15 Sz 15 mil 18 mil AF18 Sz 0.38 mm 0.46 mm		
CAT 3    		CAT 3    		CAT 3    
CAT 3    		CAT 3    		
				

CHEMICAL PROTECTION

REUSABLE: NITRILE CHEMICAL 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							
splashes		frequent CONTACT			prolonged CONTACT		
short WEAR	intermittent WEAR		ultra-comfort WEAR		short WEAR	intermittent WEAR	continuous WEAR
STANSOLV A10	STANSOLV A15	STANSOLV A490	ULTRANITRIL 381	ULTRANITRIL 358 <small>ADVANCED GRIP TECHNOLOGY</small>	ULTRANITRIL 480	ULTRANITRIL 493*	STANSOLV A14
Fingertip precision for light chemical and food handling	High mechanical strength does not compromise the excellent comfort and dexterity	Precision dexterity in mildly aggressive environments, for those sensitive to natural latex	Maximum comfort for standard chemical protection	Designed with an embedded optimal grip to safely handle tasks in dry & greasy environments	Ultra-long chemical protection	Ultra-long chemical protection	Comfort and reinforced resistance for longlasting chemical protection
Internal finish Chlorinated External finish Z-grip Size 6 7 8 9 10 11 Length 13 in 33 cm Thickness 11 mil 0.28 mm	Internal finish Chlorinated External finish Z-grip Size 6 7 8 9 10 11 Length 13 in 33 cm Thickness 15 mil 0.38 mm	Internal finish Chlorinated External finish Non-slip embossing Size 6 7 8 9 10 11 Length 12.5 in 32 cm Thickness 15 mil 0.38 mm	Internal finish Textile support External finish Non-slip embossed Size 7 8 9 10 11 Length 14 in 36 cm Thickness Med. Wt. 0.95 mm	Internal finish Textile support External finish Optimal grip Size 6 7 8 9 10 11 Length 14 in 36 cm Thickness 1.1 mm	Internal finish Chlorinated External finish Non-slip embossed Size 7 8 9 10 11 Length 18 in 46 cm Thickness 22 mil 0.55 mm	Internal finish Flocked External finish Non-slip embossed Size 8 9 10 11 Length 15 in 39 cm Thickness 22 mil 0.55 mm	Internal finish Textile support External finish Z-grip Size 7 8 9 10 11 Length 14 in 35.5 cm Thickness 22 mil 0.55 mm
CAT 3 EN ISO 388:2016 3001X EN ISO 374-1:2016 TYPE B JOT	CAT 3 EN ISO 388:2016 2101X EN ISO 374-1:2016 TYPE B JOT	CAT 3 EN ISO 388:2016 2000X EN ISO 374-1:2016 TYPE B KPT	CAT 3 EN 388 3111A EN ISO 374-1 TYPE A AJKLOPT	CAT 3 EN 388 3111A EN 407 X1XXXX EN ISO 374-1 TYPE A AJKOPT	CAT 3 EN 388 4102X EN ISO 374-1 TYPE A AJKOPT	CAT 3 EN 388 4102X EN ISO 374-1 TYPE A AJKOPT	CAT 3 EN 388:2016 4102X EN ISO 374-1 TYPE A AJKOPT
EN ISO 374-5:2016 EN 421	EN ISO 374-5:2016	EN ISO 374-5:2016	EN 407 X1XXXX EN ISO 374-5 ISO 18889 G2	EN ISO 374-5 ISO 18889 G2	EN ISO 374-5 ISO 18889 G2	EN ISO 374-5 ISO 18889 G2	EN ISO 374-5:2016 ISO 18889 G2

CHEMICAL PROTECTION

REUSABLE: NEOPRENE CHEMICAL 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
ULTRANEO 401	STANSOLV NL34/NL52	ULTRANEO 420	CHEMPLY N360	ULTRANEO 382	CHEMPLY N440/N540	ULTRANEO 339
Tactile sensitivity for light chemical protection	Comfort with light chemical protection	Suppleness and freedom of movement for standard chemical protection	Ultra-high performance chemical protection	Maximum comfort for standard chemical protection	Ultra-high performance chemical protection	Comfort and high chemical protection
Internal finish Flocked	Internal finish Textile support	Internal finish Flocked	Internal finish Chlorinated	Internal finish Textile support	Internal finish Chlorinated	Internal finish Textile support
External finish Non-slip embossed	External finish Sandy rough	External finish Non-slip embossed	External finish Z-grip	External finish Non-slip embossed	External finish Z-grip	External finish Pebbled
Size 7 8 9 10	Size NL34: 6 7 8 9 NL52: 8 9 10 11	Size 420: 6 7 8 9 10 11 450: 7 8 9 10 11	Size 9 10 11	Size 6 7 8 9 10	Size 9 10 11	Size 8 9 10 11
Length 12 in 31 cm	Length NL34: 12 in 31 cm NL52: 14 in 35.5 cm	Length 420: 12 in 31 cm 450: 16 in 41 cm	Length N360: 14 in 35.5 cm N730: 18 in 45.5 cm	Length 14 in 36 cm	Length N440/N540: 14 in 35.5 cm N740: 18 in 45.5 cm	Length 14 in 36 cm
Thickness 20 mil 0.55 mm	Thickness Med. Wt.	Thickness 30 mil 0.75 mm	Thickness 22 mil 0.75 mm	Thickness Med. Wt. 0.90 mm	Thickness N440/N740: 30 mil 0.75mm N540: 40 mil 1.01mm	Thickness Hvy. Wt. 1.35 mm
CAT 3	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3	CAT 3
EN 388 2110X EN ISO 374-1 TYPE A ALMNST	EN 388 2121X EN ISO 374-1 TYPE A ALMNST EN 407: 2020 X1XXXX	EN 388 2121X EN ISO 374-1 TYPE A ALMNST	EN 388 2111X EN ISO 374-1 TYPE A ABCJLMNS	EN 388 2121X EN ISO 374-1 TYPE A ALMNST	EN 388 2111X EN ISO 374-1 TYPE A ABCJLMNS	EN 388 3121X EN ISO 374-1 TYPE A ABCJLMNS
EN ISO 374-5	EN ISO 374-5	EN ISO 374-5	EN ISO 374-5	EN 407 X1XXXX	EN ISO 374-5	EN 407 X1XXXX



CHEMICAL PROTECTION

REUSABLE: BUTYL CHEMICAL 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
		
BUTOFLEX 651	BUTOFLEX 650	FLUOTECH 468
		
Ultimate specific chemical resistance	Ultimate specific chemical resistance	Tactile sensitivity with wear indicator
Internal finish Powder free	Internal finish Textile support	Internal finish Chlorinated
External finish Non-slip embossed	External finish Non-slip embossed	External finish Smooth
Size 7 8 9 10	Size 7 8 9 10	Size 8 9 10
Length 14 in 37 cm	Length 14 in 35 cm	Length 12 in 30 cm
Thickness 20 mil 0.50 mm	Thickness Med Wt. 1.45 mm	Thickness 20 mil 0.50 mm
CAT 3	CAT 3	CAT 3
   	  	  
    		    

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

Mechanical strength and price.

LATEX

Flexibility and comfort.

NITRILE (next page)

Mechanical resistance and resistance to oils.

TRIPOLYMER (next 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 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 997</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 9.5 in 24 cm</p> <p>Thickness 3 mil 0.07 mm</p> 	<p>Internal finish Easy donning treatment</p> <p>External finish Pebbled</p> <p>Size 6 7 8 9 10</p> <p>Length 9.5 in 24 cm</p> <p>Thickness 4 mil 0.13 mm</p>	<p>Internal finish Easy donning treatment</p> <p>External finish Pebbled</p> <p>Size 6 7 8 9</p> <p>Length 11.5 in 29.5 cm</p> <p>Thickness 4 mil 0.10 mm</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 10 in 24 cm</p> <p>Thickness 4 mil 0.10 mm</p> 	<p>Internal finish Easy donning treatment</p> <p>External finish Pebbled</p> <p>Size 6 7 8 9 10 11</p> <p>Length 12 in 30 cm</p> <p>Thickness 8 mil 0.20 mm</p> 
CAT 3				
<p>EN ISO 374-1 TYPE C</p>  <p>EN ISO 374-5</p> 	<p>EN ISO 374-1 TYPE B</p>  <p>JKT</p> <p>EN ISO 374-5</p>  <p>ISO 18889</p>  <p>G1</p>	<p>EN ISO 374-1 TYPE B</p>  <p>JKT</p> <p>EN ISO 374-5</p>  <p>VIRUS</p>	<p>EN ISO 374-1 TYPE B</p>  <p>JKT</p> <p>EN ISO 374-5</p>  <p>VIRUS</p>	<p>EN ISO 374-1:2016 TYPE B</p>  <p>JKPT</p> <p>EN 421:2010</p>  <p>EN ISO 374-5</p>  <p>VIRUS</p>



CHEMICAL PROTECTION DISPOSABLE: 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 (previous page)
Mechanical strength and price.

LATEX (previous page)
Flexibility and comfort.

NITRILE (previous 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 TRIPOLYMER	
COMFORT CHLORINATED	
TRILITES 994 	TRILITES GRIPPY 993/983 
Tripolymer formula for protection against chemical splashes and splatters	Tripolymer formula for protection against chemical splashes and splatters
External finish Pebbled Size 6 7 8 9 Length 10 in 25 cm Thickness 6 mil 0.15 mm	Internal finish Chlorinated External finish Non-Slip Grip Size 6 7 8 9 Length 983: 11.5 in 29 cm 993: 10 in 25.5 cm Thickness 6 mil 0.15 mm
CAT 3	CAT 3
EN ISO 374-1 TYPE B  KPT	EN ISO 374-5  EN ISO 374-1 TYPE B  KPT
  	

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

ULTRANE 548	ULTRANE 648	ULTRANE 524	ULTRANE 551	ULTRANE 510	ULTRANE 681
Optimal dexterity and sensitivity offering light protection	Optimal dexterity and sensitivity offering light protection. Suitable for touch screens	Protection of electronic device from ElectroStatic Discharge (ESD)	Unbeatable for fingertip precision	Optimal comfort, high level of breathability and durability for precision work	Second skin effect for optimal comfort and dexterity thanks to its 18 gauge
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 size 5 available upon request	Size 5 6 7 8 9 10 11 size 5 available upon request	Size 6 7 8 9 10 11	Size 5 6 7 8 9 10 11 size 5 available upon request	Size 6 7 8 9 10 11	Size 6 7 8 9 10 11
Length 8.5-10.5 in 21-27 cm	Length 8.5-10.5 in 22-27 cm	Length 8.5-10.5 in 22-27 cm	Length 8.5-10.5 in 21-27 cm	Length 8.5-10.5 in 22-27 cm	Length 9-11 in 23-28 cm
		Washable x1		Washable x1	Washable x1
CAT 2 EN 388 3121X	CAT 2 EN 388 3121X	CAT 2 EN 388 2X20A EN 16350	CAT 2 EN 388 4131X OEKO TEX STANDARD 100 CB 9792 IFT	CAT 2 EN 388 4131X OEKO TEX STANDARD 100 CB 9792 IFT	CAT 2 EN 388 4X21A ISO 13997: 4.9N

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



Detachable fingers to prevent entanglement. Comfort, suppleness and high dexterity without compromising breathability and durability

ULTRANE 541



Comfort, suppleness and high dexterity without compromising breathability and durability

ULTRANE 664



Eco-designed handling glove made of recycled fibres* with high dexterity and comfort

ULTRANE 500*



Assured grip, skin protected and excellent dexterity in lightly oily/dirty environments

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 8.5-10.5 in 22-28 cm
Washable x1

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 8.5-10.5 in 22-28 cm
Washable x1

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 8.5-10.5 in 21-27 cm
Washable x1

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 8.5-10.5 in 22-27 cm
Washable x3



CAT 2



CAT 2



CAT 2



CAT 3



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	
oily and very dirty ENVIRONMENTS	Heat and Cut Protection
high-performance SERVICE LIFE	
<p>EXONIT 852</p>  <p>GRIP & PROOF TECHNOLOGY</p> <ul style="list-style-type: none"> Impact protection Crotch reinforcement <p>(available upon request)</p> <p>Shock absorption on the back, comfort thanks to palm pads and dexterity</p>	<p>EXONIT 530</p>  <p>Flexible Thermal Protection with impact and cut protection</p>
<p>Liner Seamless knitted textile support</p> <p>Gauge 13</p> <p>Coating Complete Grip & Proof nitrile coating Double layer coating: Smooth nitrile - Sandy Nitrile TPR full protection pad on back-of-hands</p> <p>Cuff Knitted wrist</p> <p>Size 9 10 11</p> <p>Length 25-29cm</p>	<p>Liner Aramid Fiber</p> <p>Gauge 13</p> <p>Coating Raised high grip nitrile dots TPR full protection pad on back-of-hands</p> <p>Size 7 9 11</p> <p>Length 9.5-11 in</p>
<p>CAT 2</p> <p>EN 388</p>  <p>3X21XP</p>	<p>EN 388</p>  <p>4343</p> <p>EN 407</p>  <p>X2XXXX</p> <p>ANSI</p>  <p>A2 CUT</p>
	

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



Light cut protection
for very precise handling in clean and
dirty environments

KRYTECH 579



Light cut protection for very precise handling
in reasonably clean environments

KRYTECH 584



KRYTECH 809



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
8.5-10.5 in 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
size 5 available upon request
Length
8.5-10.5 in 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
10.5-12.5 in 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
size 5 available upon request
Length 8.5-10.5 in 21-27 cm
Washable x5



CAT 2



ISO 13997: 5N



CAT 2



ISO 13997: 5.3N



CAT 2



ISO 13997: 5.3N



CAT 2



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	
<p>KRYTECH 692</p> <ul style="list-style-type: none"> Touch Screen Crotch reinforcement Good visibility <p>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.</p>	<p>KRYTECH 642</p> <ul style="list-style-type: none"> RESICOMFORT TECHNOLOGY Touch Screen <p>Comfort, suppleness and high dexterity without compromising on cut protection, breathability and durability</p> <p>(available upon request)</p>	<p>KRYTECH 610</p> <ul style="list-style-type: none"> Recycled fibres <p>Eco designed. Moderate cut protection cut protection, providing maximum comfort. Seamless platted knitted glove, very good fit, dexterity and flexibility</p>	<p>KRYTECH 693</p> <ul style="list-style-type: none"> Touch Screen Crotch reinforcement Good visibility <p>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.</p>	<p>KRYTECH 643</p> <ul style="list-style-type: none"> RESICOMFORT TECHNOLOGY Touch Screen <p>Comfort, suppleness and high dexterity without compromising cut protection, breathability and durability</p> <p>(available upon request)</p>
<p>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 9.5-11.5 in 24-29 cm Washable x1</p>	<p>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 8.5-10.5 in 23-28 cm Washable x1</p>	<p>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 9-11 in 23-28 cm Washable x3</p>	<p>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 9.5-11.5 in 24-29 cm Washable x1</p>	<p>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 8.5-10.5 in 23-28 cm Washable x1</p>
<p>CAT 2</p> <p>EN 388 3X42B ISO 13997: 9.1N</p> <p>ANSI A2 CUT</p>	<p>CAT 2</p> <p>EN 388 4X42B ISO 13997: 5.7N</p> <p>EN 407 X1XXXX</p> <p>ANSI A2 CUT</p>	<p>CAT 2</p> <p>EN 388 4X43C ISO 13997: 14.9N</p> <p>ANSI A3 CUT</p>	<p>CAT 2</p> <p>EN 388 4X42C ISO 13997: 14.5N</p> <p>EN 16350</p> <p>ANSI A3 CUT</p>	<p>CAT 2</p> <p>EN 388 4X42C ISO 13997: 10.3N</p> <p>EN 407 X1XXXX</p> <p>ANSI A3 CUT</p>

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



KRYTECH 615



Eco designed. 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 KRYTECH 645



Comfort, suppleness and high dexterity without compromising on cut protection, breathability and durability. Suitable for touch screens

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
9.5-11.75 in 24-29 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
9.5-11.5 in 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
9.5-11.5 in 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
9-11 in 23-28 cm
Washable x1



CAT 2

CAT 2

CAT 2

CAT 2

CAT 2



ISO 13997: 20N



ISO 13997: 18N



ISO 13997: 29.5N



ISO 13997: 16N ISO 13997: 29.5N



MECHANICAL PROTECTION

CUT PROTECTION: KRYTECH GRIP & PROOF 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



high-performance SERVICE LIFE

KRYTECH 580



Eco-designed cut protection glove with grip and skin protection for precise handling in slightly oily and dirty 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)

Gauge 13

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

Cuff
Knitted wrist

Size
6 7 8 9 10 11

Length
9-11 in 23-27 cm



CAT 3



ISO 13997: 6N

KRYTECH 599



Eco-designed cut protection glove with grip and skin protection for complex handling operations in oily environments

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)

Gauge 13

Coating
Double layer 3/4 coating on palm and fingers
Smooth nitrile - Sandy Nitrile

Cuff
Knitted wrist

Size
7 8 9 10 11

Length
9-11 in 23-27 cm



CAT 3



ISO 13997: 6N

KRYTECH 600



Eco-designed cut protection glove with grip and skin protection for complex handling operations in very oily environments

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)

Gauge 13

Coating
Double layer full coating
Smooth nitrile - Sandy Nitrile

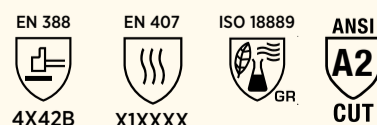
Cuff
Knitted wrist

Size
7 8 9 10

Length
9-11 in 23-26 cm



CAT 3



ISO 13997: 6N

KRYTECH 582



High cut protection for complex handling operations in oily environments

Liner
Seamless knitted textile support in composite and HDPE fibres

Gauge 13

Coating
3/4 nitrile coating
Double layer coating:
Smooth nitrile - Sandy Nitrile

Cuff
Knitted wrist

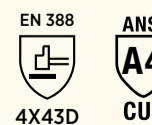
Size
6 7 8 9 10 11

Length 9-11 in 23-28 cm

Washable x5



CAT 2



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
<p style="text-align: center;">KRYTECH 532</p>  <p style="text-align: center;">Adjustable seamless knitted sleeves that provide light cut protection, optimal comfort and freedom of movement to the wearer</p>	<p style="text-align: center;">KRYTECH 603</p>  <p style="text-align: center;">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 style="text-align: center;">KRYTECH 538/537</p>  <p style="text-align: center;">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</p> <p>Gauge 13 Length 18 in 45 cm Width 140 mm Size Unique Washable x5</p> <p style="text-align: center;"> STANDARD 100 CAT 2</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</p> <p>Gauge 15 Length 20 in 53 cm Width 120 mm Size Unique Washable x3</p> <p style="text-align: center;"> STANDARD 100 CAT 2</p>	<p>Liner Seamless knitted textile support in HDPE and composite fibres</p> <p>Specific features Self-gripping tape closure system Thumbslot</p> <p>Gauge 13 Length 538: 24 in 60 cm 537: 18 in 45 cm Width 150 mm Size Unique Washable x5</p> <p style="text-align: center;"> STANDARD 100 CAT 2</p>
<p style="text-align: center;"> EN 388 ANSI A2 3X4XB CUT ISO 13997: 6.8N </p>	<p style="text-align: center;"> EN 388 ANSI A3 3X42C CUT ISO 13997: 12.9N </p>	<p style="text-align: center;"> EN 388 ANSI A4 3X4XD CUT ISO 13997: 20N </p>



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

 wet ENVIRONMENTS	 oily and very dirty ENVIRONMENTS	
 high RISK		
 high-performance SERVICE LIFE		
<p style="text-align: center;">KRYTECH 840</p>  <p style="text-align: center;">High cut protection for handling heavy or sharp objects in wet environments</p>	<p style="text-align: center;">KRYTECH 395</p>  <p style="text-align: center;">Lasting chemical protection and high cut protection combined</p>	<p style="text-align: center;">EXONIT 853</p>  <p style="text-align: center;">High cut protection combining shock absorption on the back, comfort thanks to palm pads and dexterity</p> <p style="text-align: right; font-size: small;">(available upon request)</p>
<p>Liner Seamless knitted textile support in composite and HDPE fibres</p> <p>Gauge 10</p> <p>Coating Latex palm and fingers/Non-slip embossed</p> <p>Cuff Knitted wrist</p> <p>Size 7 8 9 10</p> <p>Length 9-10.25 in 23-26 cm</p>	<p>Liner Cotton textile support</p> <p>Coating Nitrile between internal and external finish</p> <p>Size 8 9 10</p> <p>Length 32 cm</p> <p>Thickness 12.5 in 32 cm</p>	<p>Liner Seamless knitted textile support in composite and HDPE fibres</p> <p>Gauge 13</p> <p>Coating 3/4 Grip & Proof nitrile coating Double layer coating: Smooth nitrile - Sandy Nitrile TPR full protection pad on back-of-hands</p> <p>Cuff Knitted wrist</p> <p>Size 9 10 11</p> <p>Length 10-11 in 25.5-28.5 cm</p>
<p style="text-align: center;">CAT 2</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  3X43D </div> <div style="text-align: center;">  X2XXXX </div> <div style="text-align: center;">  CUT </div> </div> <p style="text-align: center;">ISO 13997: 19.8N</p>	<p style="text-align: center;">CAT 3</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  4X43D </div> <div style="text-align: center;">  JKOPT </div> <div style="text-align: center;">  X1XXXX </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  CUT </div> </div> <p style="text-align: center;">ISO 13997: 20.4N</p>	<p style="text-align: center;">CAT 2</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  4X43DP </div> <div style="text-align: center;">  CUT </div> </div> <p style="text-align: center;">ISO 13997: 21.5 N</p>
		

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 14°F (-10°C)		TEMPERATURE up to 300°F (150°C)			TEMPERATURE above 300°F (150°C)	
wet ENVIRONMENTS	wet dry moderately oily ENVIRONMENTS	dry moderately oily ENVIRONMENTS			wet chemical moderately oily ENVIRONMENTS	
long SERVICE LIFE	high-performance SERVICE LIFE	CONTACT TIME short-term	CONTACT TIME prolonged		CONTACT TIME prolonged	CONTACT TIME short-term
		176°F/80°C 70s 212°F/100°C 30s 257°F/125°C 20s	176°F/80°C 1min50s 212°F/100°C 1min 257°F/125°C 38s		176°F/80°C 1min50s 212°F/100°C 1min 257°F/125°C 38s 514°F/250°C* 18s	176°F/80°C 37s 212°F/100°C 16s 257°F/125°C 12s
TEMPICE 780	TEMPICE 700	TEMPDEX 710	TEMPDEX 720	TEMPDEX 745	TEMPCOOK 476	TEMPTEC 332/NL517
Thermal insulation 100% sealed for protecting against intense contact cold	Dexterity and comfort for optimised thermal protection and durability	High dexterity and thermal protection	Dexterity and resistance to cuts for optimised thermal protection	Dexterity and resistance to cuts for optimised thermal protection	Hygienic with high-temperature thermal protection 100% liquid-proof	Effective thermal insulation and multi-purpose chemical resistance
Internal finish Jersey textile support lined with a brushed synthetic knit liner	Internal finish Double seamless knitted textile support	Internal finish Seamless knitted textile support	Internal finish Knitted seamless textile support made from aramid fibres	Internal finish Knitted seamless textile support made from aramid fibers	Internal finish Knitted thermal protection	Internal finish Knitted thermal protection
External finish Pebbled PVC coating	External finish 3/4 smooth nitrile coating with sandy nitrile on the palm and fingers	External finish Nitrile coating and dot embossing on palm and finger	External finish Nitrile coating and dot embossing on palm and finger	External finish Nitrile coating and dot embossing on palm and finger	External finish Non-slip embossed Nitrile coating	External finish Pebbled Polychloroprene (neoprene) coating
Size 9 10 Length 12 in 30 cm	External finish Gauge 10 for internal seamless Gauge 15 for external seamless	Gauge 13	Gauge 10	Gauge 10	Size 7(S) 9(M) 10(L) Length 17.5 in 45 cm	Size 8 9 10 Length TempTec 332: 14 in 35.5 cm TempTec NL517: 17 in 43 cm
Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist	Cuff Knitted wrist		
Size 7 8 9 10 Length 9.5-10.5 in 24-27 cm Washable x5	Size 7 9 11 Length 9.5-11.5 in 23-27 cm	Size 7 9 11 Length 9.5-11.5 in 23-27 cm	Size 7 9 11 Length 9.5-11 24-28 cm	Size 7 9 11 Length 9.5-11 in 24-28 cm		
CAT 3	CAT 2	CAT 2	CAT 2	CAT 3	CAT 3	CAT 3
EN 388 3221X EN 511 121	EN ISO 374-1 TYPE B KPT EN 388 3222X EN 511 02X EN ISO 374-5 ANSI A2 CUT	EN 388 4111X EN 407 X1XXXX	EN 388 4X32B EN 407 X2XXXX EN ISO 13997: 7N ANSI A2 CUT	EN 388 4543E EN 407: 2020 X2XXXX ISO 13997: 23.4N (2339g) ANSI A5 CUT	EN 388 4443D EN 511 111 EN 407 X2XXXX EN ISO 374-1 TYPE A AFGJOT EN ISO 374-5 ANSI A4 CUT	EN 388 2212X EN 511 111 EN ISO 374-1 TYPE A ACLMNS EN 407 X2XXXX

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

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)

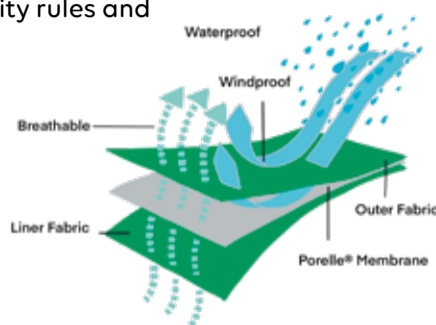
TRILITES 984CP		ADVANTECH 519		ADVANTECH 517 (TRIONIC E194BPK)								
Reinforced mechanical resistance for short duration operations		The chemical protection of nitrile combined with excellent mechanical resistance		An exclusive, comfortable tripolymer for optimal mechanical and chemical resistance								
Material Tripolymer (latex, Neoprene and nitrile)		Material nitrile		Material Mixed formulas (latex, Neoprene and nitrile)								
Internal finish Chlorinated External finish Embossed grip Size 6 7 8 9 Length 11.5 in 29 cm Thickness 6 mil 0.15 mm		Internal finish Chlorinated External finish Smooth with pebbled palm & fingertips Size 7 8 9 10 Length 33 cm Thickness 13 in 33 cm 11 mil 0.30 mm		ROLLPRUF 0716/0726 Internal finish Chlorinated External finish Pebbled fingertips Size 7.5 8 8.5 9 Length 12 in 30 cm Thickness 8 mil 0.20 mm			ADVANTECH 514 Internal finish Chlorinated External finish Non-slip embossed Size 6 7 8 9 10 11 Length 15 in 38 cm Thickness 20 mil 0.50 mm		ADVANTECH 517/ TRIONIC E194BPK/O240 Internal finish Chlorinated External finish Non-slip embossed Size 6 7 8 9 10 Length 14 in 36 cm Thickness 20 mil 0.50 mm		TRIONIC 521/ ADVANTECH 522 Internal finish Chlorinated External finish Non-slip embossed Size 8 9 10 521 Length 18 in 46 cm 522 Length 24 in 61 cm Thickness 20 mil 0.50 mm	
CAT 3		CAT 3		CAT 3			CAT 3					
EN ISO 374-1:2016 TYPE B EN ISO 374-5:2016 KPT		EN 388 2001X EN ISO 374-1 TYPE B JOT EN ISO 374-5		EN ISO 374-1 TYPE B KPT EN ISO 374-5 EN 421			EN 388 1110X EN ISO 374-1 TYPE B KST		EN ISO 374-5			



CRYOGENIC PROTECTION

Specialized range of gloves and accessories to protect operators in presence of liquid nitrogen and other cryogenic gases. PPE (Personal Protective Equipment) manufactured with select technical materials following strict quality rules and subject to rigorous tests of strength and durability.

The main function of the breathable Porelle® membrane is to ensure waterproofness in use, while keeping the user dry and comfortable.



MAIN FEATURES OF A CRYOGENIC PROTECTIVE GLOVES :

- Ability to protect against cold contact for extended periods of time.
- Waterproof insulation from cryogenic liquids, without compromising flexibility and dexterity.
- Low temperature and cryogenic gas will not cause damage to the glove material.

UNIQUE CONSTRUCTION

- Cryogenic waterproof glove made of a special elastic and laminated blue fabric. Internal glove and cuff insulation polyester multilayer fleece (410g/m²) and polyolefin Porelle® membrane, 15 cm (6») cuff with NYLON®
- Stitching. Overall length of the glove 40 cm (16 in).
- Suitable for applications handling liquid nitrogen and other cryogenic gases to protect from cold contact and prevent burns from liquid gas leakage.

CRYOGENIC PROTECTIVE GLOVES

CRYOKIT 400



Protection from exposure to very low temperatures

CRYOKIT 550



The safe use of cryogenic liquified gas depends largely on the knowledge of their properties and compliance with simple common sense precautions.

GENERAL INFORMATION

General precautions are related to the common characteristics of all cryogenic liquified gas:

- Extremely low temperatures
- Evaporation of large volumes of gas from small amounts of liquid
- Tendency to accumulate cold vapor in the lower strata of the environment.

Specific precautions are necessary for certain gases: oxygen, i.e., prevent contact with substances that may react violently. It is very important that users have a thorough understanding of the instructions for use of devices and equipment, along with specific precautions suggested by the gas supplier.

COMMON HAZARDS

Exposure of the skin to very cold temperatures can cause damage similar to burns, with prolonged exposure frostbite can occur. Inhalation of vapors at low temperature can damage the lungs, cryogenic liquids or vapors can cause eye damage. In contact with cold surfaces (pipes or non-insulated vessels), the skin may adhere very firmly due to the freezing of moisture and tear when you try to remove. Excessive concentrations of oxygen increase the danger of fire and excessive concentrations of other gases, reduces the percentage of oxygen in the environment, creating the danger of asphyxiation.

PRECAUTIONS WEAR SUITABLE PROTECTIVE CLOTHING AT LOW TEMPERATURES.

Protect your eyes with a face shield or goggles equipped with lateral protection. Always wear gloves made by nonabsorbent materials to handle objects that are or have been in contact with the liquid. The gloves should be comfortable, but fit loosely so they can be removed and discarded quickly in the event of accidental liquid penetration. The use of apron and overshoes are recommended in the decanting (transfer) operation.

FIRST AID IN CASE OF ACCIDENT TO EXPOSURE TO COLD

Wash affected areas with plenty of warm water and avoid rubbing and removing clothing, do not expose area to direct heat. If there are symptoms of frostbite, injury or extensive damage to the eyes get immediate medical assistance. Until medical assistance arrives protect the affected areas with soft, dry, clean & loosely wrapped material, avoid restricting circulation, keep the patient warm and still, and no alcoholic beverages.

Material
Special elastic and laminated blue fabric

Internal finish
Multilayer fleece (410g/m²) and polyolefin Porelle® membrane

External finish
Laminated fabric

Size
6 7 8 9 10 11

Length
16 in 41 cm

CAT 3

Internal finish
Multilayer fleece (410g/m²) and polyolefin Porelle® membrane

External finish
Laminated fabric

Size
8 9 10 11

Length
22 in 56 cm

CAT 3



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in our hands