



NEW

ECO-DESIGNED RANGE

Next generation of **eco-designed** gloves that maintain **performances** and **quality**



**HANDLING AND
CUT PROTECTION
DRY AND OILY
ENVIRONMENTS**

mapa-pro.com

MAPA[®]
PROFESSIONAL

The future is
in our hands

MAPA PROFESSIONAL COMMITS

As an international manufacturer, we acknowledge that our activities may have an impact on people and the planet and we take responsibility for it.

We firmly believe that **all our efforts** to protect our surroundings and the environment, no matter how big or small, once combined and multiplied, have a **positive impact**.

Reducing our environmental footprint starts from eco-design, without any compromise on performance, comfort & dexterity, maintaining the highest standard to protect workers hands of today and tomorrow. In fact, the future is in our hands.

MAPA PROFESSIONAL ACTS

INTRODUCING ECO-DESIGNED GLOVES FEATURING RECYCLED FIBRES* IN TWO DIFFERENT WAYS:

1

EVOLVING OUR CORE CUT-RESISTANT GLOVES WITH DIFFERENT CUT LEVEL AND COATING



KryTech

580 599 600 610 615

2

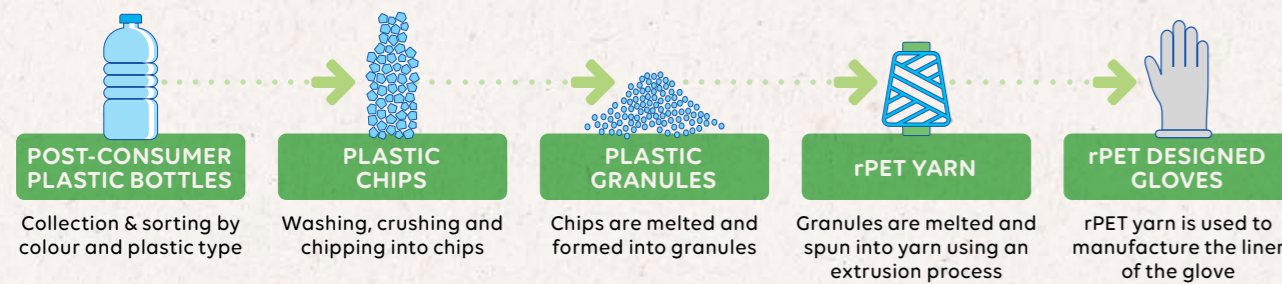
COMPLETING OUR HANDLING GLOVE RANGE



Ultrane

664

HOW DO WE PRODUCE OUR RECYCLED FIBRES GLOVES?



Approximately **90% of recycled polyester (rPET)** is made of post-consumer plastic bottles (remaining percentage is mainly made of recycled clothing).

1

EVOLVING OUR CUT-RESISTANT GLOVES TO THE NEXT GENERATION OF GLOVES: KRYTECH 580, 599, 600, 610, 615

Non-technical liner fibres*

POST-CONSUMER RECYCLED POLYESTER (rPET)



Standard packaging

REDUCED & 30% RECYCLED PACKAGING (rLDPE)



Converting our highest-volume products offers an immediate impact on a large scale, offering **smooth transition** to our partners.

FOR WHAT BENEFITS?

To help us **measure the project impact** and **be transparent**, Mapa Professional used life cycle analysis (LCA), supported by Glimpact, an independent third party with an official recognition by the European Commission.

ANNUAL SAVINGS thanks to recycled fibres on liner and reduced packaging with 30% of recycled plastic on the gloves above

85.7T CO₂ (1) OF CARBON FOOTPRINT

A JOURNEY OF **446 642 km**, I.E. **11 TIMES THE CIRCUMFERENCE OF THE PLANET (3)**

ABOUT **34.03 MILLIONS (2)** PHONE RECHARGES

GRIP & PROOF TECHNOLOGY

POLYURETHANE COATING

Cut level	580	599	600	610	615
ISO cut B	ISO cut B	ISO cut B	ISO cut B	ISO cut C	ISO cut D
Recycled fibre in the liner	24%	37%	37%	9%	27%
Recycled fibre in the gloves	14%	22%	20%	8%	25%
Carbon footprint reduction ⁽¹⁾	95 gr CO ₂	95 gr CO ₂	95 gr CO ₂	111 gr CO ₂	130 gr CO ₂

(1+2+3) Measurement based on Life Cycle Analysis (LCA), carried out by Glimpact, an independent third party, according to the European PEF method adopted by European Commission, based on our total 2023 worldwide production driven on a pair of Grip&Proof cut B nitrile gloves & a pair of cut C and a pair cut D polyurethane gloves.
 (1) This indicator on climate change (carbon emission) represents on average 22.9% of the total environmental impact of the pair of glove.
 (2) Compared to a 10 Wh phone recharge in Europe
 (3) Compared to 1km of car with 1 person, average of different cars (petrol and diesel). This includes petrol, car production and road infrastructure.

2

COMPLETING OUR HANDLING GLOVE RANGE COMBINING OPTIMAL DURABILITY AND COMFORT: ULTRANE 664



***RECYCLED FIBRES CONTENT:** 20% of the total weight of the glove 39% of the liner



CARDBOARD PACKAGING & NO MASTERBAG: Cardboard packaging made of **70%** recycled material • Individual pair directly on carton box of **48 pairs**



OTHER FEATURES :

Comfortable with 15 gauge

Durable with nitrile foam coating

Touchscreen ability: compatible with any type of touch screens, remains after washing

A **great offer for display purposes:** cardboard hanging tab packaging

FOR WHAT BENEFITS?

- ➔ Less impact on the planet: each pair of gloves represents **one plastic bottle of 50cl**.
- ➔ Less plastic packaging waste: a cardboard packaging & without masterbag.



PRODUCT SPECIFICATION

Choose the **best protection** from our eco-designed gloves to best **suit your needs**.

Product name & specific technology	HANDLING PROTECTION		CUT PROTECTION		CUT PROTECTION		Product name & specific technology
	ULTRANE 664	580	KRYTECH 599	600	KRYTECH 610	615	
Cut protection level	LEVEL A		LEVEL B		LEVEL C		LEVEL D
EN 388 performances	EN 388 4X11A ISO 13997: 4N (400g)		EN 388 4X42B ISO 13997: 6N* (600g)		EN 388 4X43C ISO 13997: 14,9N (1500g)		EN 388 4X43D ISO 13997: 20N (2000g)
ANSI performances			ANSI 6 ABRASION				ANSI 6 ABRASION
Other performances			EN 407 X1XXXX GR ISO 18889: 2019				
Care for the environment	Each pair of gloves represents one plastic bottle of 50cl. *Recycled material in the glove: 20 % Recycled material in the liner: 39 %	95 gr CO ₂ of carbon footprint reduction ¹ *Recycled material in the glove: 14 % / Recycled material in the liner: 24 %	95 gr CO ₂ of carbon footprint reduction ¹ *Recycled material in the glove: 22 % / Recycled material in the liner: 37 %	95 gr CO ₂ of carbon footprint reduction ¹ *Recycled material in the glove: 20 % / Recycled material in the liner: 37 %	111 gr CO ₂ of carbon footprint reduction ¹ *Recycled material in the glove: 8 % / Recycled material in the liner: 9 %	130 gr CO ₂ of carbon footprint reduction ¹ *Recycled material in the glove: 25 % / Recycled material in the liner: 27 %	Care for the environment
Liner & coating materials	Virgin polyester (44%), recycled polyester (39%)* Knitted wrist Foam nitrile coating	Seamless textile support in HDPE fibres and recycled polyester (24%)* Double layered GRIP&PROOF nitrile: smooth nitrile & sandy finition	Seamless textile support in HDPE fibres and recycled polyester (37%)* Double layered GRIP&PROOF nitrile: smooth nitrile & sandy finition		Seamless textile support in HDPE fibres and recycled polyester (9%)* PU coating	Seamless textile support in HDPE fibres and recycled polyester (27%)* PU coating	Liner & coating materials
Coating level	Palm and fingers	Palm and fingers	4/3 coated	Fully coated except wrist	Palm and fingers		Coating level
Gauge	15		13		13		Gauge
Knitting technologies	Single	Platting technique			Platting technique		Knitting technologies
Colour	Green and black	Grey and black			Grey	Grey and black	Colour
Length (cm)	21 - 27	23 - 27			23 - 28	24 - 30	Length (cm)
Size	6, 7, 8, 9, 10, 11	6, 7, 8, 9, 10, 11	7, 8, 9, 10, 11	7, 8, 9, 10	6, 7, 8, 9, 10, 11		Size
Washability	1 time at 40°C				3 times at 60°C		Washability
Additional benefits	DMF free • Silicone free • OEKO-TEX® Standard 100				Silicone free • OEKO-TEX® Standard 100		Additional benefits
Packaging	1 pair individually packed with a cardboard hanger made of 70% recycled material No masterbag • 48 pairs in a carton	1 pair in optimised individual packaging made of 30% of recycled material • 1 masterbag of 12 pairs • 48 pairs in a carton			1 pair in optimised individual packaging made of 30% of recycled material 1 masterbag of 12 pairs • 48 pairs in a carton		Packaging
Industries	Lightweight industry / Local authorities / Transport & logistics / Industrial maintenance / Aeronautics	Automotive/Mechanical industry / Glass industry			Automotive/mechanical industry / Construction Industry / Glass industry / Industrial maintenance	Automotive/mechanical industry / Construction Industry / Glass industry / Industrial equipment/ Metal transformation / Industrial maintenance	Industries

EXAMPLES OF APPLICATIONS



ASSEMBLY



MAINTENANCE



HANDLING SHEET METAL



BODYWORK ASSEMBLY



INSTALLING METAL STRUCTURES



HANDLING GLASS SHEETS

There are a variety of risks depending upon the environment. Mapa Professional provides you with a complete range of protective gloves & sleeves. Please visit our website for more details.