PTP321E – REV9 – 24.10.07

CATEGORY II CERTIFICATION

HARPON 321 - 325

CE-Type Examination Certificates
HARPON 321 : 0072/014/162/09/94/0014
HARPON 325 : 0072/014/162/09/94/0014/EX 05 03 95
issued by the approved body nr. 0072

I.F.T.H. – Av. Guy de Collongue - F-69134 ECULLY CEDEX

These gloves conform to the provisions of Directive 89/686/EEC for protection against mechanical risks and contact heat.
The 321 and 325 gloves, made up of orange natural latex rubber, are produced in accordance with the provisions of French ministerial order 09/11/1994 regarding food contact, all components being included in the positive lists.

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92205 NEUILLY SUR SEINE Cedex - FRANCE
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www.mapa-professionnel.com

MAPA (U.K.) Ltd
Berkeley Business Park, Wainwright Road,
Worcester - WR4 9ZS - UK
Tel (44) 0 1905 450300 / Fax (44) 0 1905 450350

HARPON 321 - 325

DESCRIPTION AND GENERAL PROPERTIES

Liquidproof gloves made of **green natural latex** over a **cotton knit**.

Curved fingers and **contoured palm.**

Non-slip finish in the hand area.

Guaranteed **silicone-free.**

External surface lightly coated with **powder.**

Reference	Length for all sizes (in cm)*	Thickness in wrist area (in mm)*	Sizes available
Harpon 321	32	1.35	6 - 6½ 7 - 7½ 8 - 8½ 9 - 9½
Harpon 325	37	1.35	8 - 8 ½ 9 - 9 ½ 10 - 10 ½

* nominal value

Standard packaging :

• **each pair** in printed polyethylene bag
• **50** pairs per carton

"CE"-TYPE EXAMINATION RESULTS

PROTECTION AGAINST CHEMICALS
According to EN 374 standard.
Liquidproof glove.
Permeation data : see the enclosed chemical resistance chart.

Acceptable Quality Level (**AQL**): **4%**

PROTECTION AGAINST MECHANICAL RISKS
Levels of performance according to EN 388 standard.

4 1 3 1
| | | |
| | | └→puncture resistance (0 to 4)
| | └→tear resistance (0 to 4)
| └→blade cut resistance (0 to 5)
└→abrasion resistance (0 to 4)

PROTECTION AGAINST HEAT
Levels of performance according to EN 407 Standard.
Only the mentioned test is relevant to the usage of the glove.

x 2 x x x x
└→ contact heat (0 à 4)

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HARPON 321 - 325

SPECIFIC ADVANTAGES

- Freedom of movement; excellent comfort due to the textile lining.
- High resistance to abrasion.
- Cut resistance.
- Forearm protection (Harpon 325).
- Safe handling of wet or dry slippery objects.
- Products manufactured in a MAPA factory which is ISO 9001 certified.

MAIN FIELDS OF USE

- Deep-sea fishing
- Forestry
- Oyster farming
- Glass industry
- Quarrying
- Handling in the metal industry
- Woodwork

INSTRUCTIONS FOR USE

For enhanced safety and service life of the gloves :

- Store the gloves in their original packaging protected from direct sunlight, far from heat sources or electric equipment.
- It is recommended to check that the gloves are suitable for the intended use, because the conditions of use at the workplace may differ from the "CE"-type tests.
- It is not recommended for persons sensitized to natural latex, dithiocarbamates and thiazoles to use these gloves.
- Put the gloves on dry, clean hands.
- Do not use the gloves in contact with a chemical for a duration in excess of the measured breakthrough time. Refer to the chemical resistance chart hereafter or contact the Technical Customer Service - MAPA PROFESSIONNEL in order to know this breakthrough time. Use 2 pairs alternatively when in long duration contact with a solvent.
- Turn the cuff end down in order to prevent a hazardous chemical from dripping onto the arm.

  Before taking off the gloves, clean them as appropriate :

  - ❒ in use with a solvent (alcohol, etc...) : rub over with a dry cloth
  - ❒ in use with detergents, acids or alkalies : thoroughly rinse the gloves under running water, and rub over with a dry cloth

  Caution : improper use of the gloves or submitting them to a cleaning or laundering process that is not specifically recommended can alter their performance levels.

- Ensure the inside of the gloves is dry before putting them on again.
- Inspect the gloves for cracks or snags before reusing them.

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HARPON 321 – 325

CHEMICAL RESISTANCE CHART

These gloves are designed for protection against numerous chemicals such as mild acids, bases, detergents, alcohol that do not present irreversible health hazards. They are not recommended for contact with petroleum, aromatic or chlorinated solvents. In order to know whether these gloves are appropriate for a given chemical, refer to the table hereafter or enquire to Mapa Professionnel's Technical Customer Service.

CHEMICAL	CAS Nr.	Chemical Resistance Index	Degradation Index (1 to 4)	Permeation (EN 374)	
				Breakthrough time (minutes)	Permeation Index (0 to 6)
Methanol	67-56-1	=	NT	45	2
Methylethyl ketone	78-93-3	=	NT	19	1

NT : not tested yet

Chemical Resistance Index :

- **+ +** can be used for **long duration contact** (limited to breakthrough time)
- **+** can be used for **short repeated contacts** (for a total duration not exceeding the breakthrough time)
- **=** Can be used against **splashes**
- **-** **not recommended**

Degradation Index : a high index indicates a low degradation of the gloves in contact with the chemical.

Breakthrough Time : permeation test performed on the palm of the glove in MAPA laboratories, unless otherwise specified.

Permeation Index : a high index indicates a long breakthrough time

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MAPA®
PROFESSIONNEL

"CE" DECLARATION OF CONFORMITY

The Company **MAPA s.n.c.**

57, rue de Villiers
BP 190
92205 Neuilly-sur-Seine Cedex - France

declares that the following MAPA PROFESSIONNEL protective gloves :

HARPON 321

HARPON 325

conform to the gloves which are the subject of **"CE" certificates of conformity**

HARPON 321 : 0072/014/162/09/94/0014
HARPON 325 : 0072/014/162/09/94/0014/EX05 03 95

issued by the notified body **nr 0072**

I.T.F.H

Av. Guy de Collongue - F-69134 ECULLY CEDEX

They conform to the provisions of directive **89/686/CEE**, designed for protection against **chemicals, micro-organisms, mechanical risks and contact heat,**

and are manufactured in conformance with the following **European Standards : EN 420, EN 374, EN 388 and EN 407.**

Prepared at Neuilly-sur-Seine, on October 10, 1997

MAPA
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M.RODOT
Technical Customer Service