

HEAVY-DUTY PROTECTION



STC359E - Rev 2 -04.03.99

CATEGORY III CERTIFICATION : TELSOL 359 - 361 - 362
CATEGORY II CERTIFICATION : TELSOL 358



TELSOL 358 - 359 - 361 - 362

CE-Type Examination Certificates

TELSOL 358 : 0072/014/162/12/96/0665

TELSOL 359 : 0072/014/162/12/96/0666

TELSOL 361 : 0072/014/162/12/96/0666/Ex01 12 96

TELSOL 362 : 0072/014/162/12/96/0666/Ex02 12 96

issued by the approved body nr. 0072

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

Certificate of conformity of the Quality Assurance System

Telsol 359 - 361 - 362

issued by the approved body nr. 0334

ASQUAL - 14, rue des Reculettes - F-75013 PARIS

These gloves conform to the provisions of Directive 89/686/EEC for protection against chemicals and micro-organisms (except Telsol 358) and mechanical risks that can present high hazards within the limit of the recommendation hereafter.

TELSOL 358 - 359 - 361 - 362

DESCRIPTION AND GENERAL PROPERTIES

Gloves made of a **cotton knit** fully coated with **green PVC**.

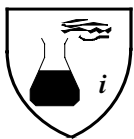
Curved fingers and contoured palm.

Rough non-slip surface.

Reference	Type	Length (for all sizes) (in cm)*	Thickness at wrist (in mm)*	Sizes available	Corresponding European Sizes	Standard packaging (pairs per carton)
Telsol 358	Elastic Knitted wrist	25	1.30	8 - 8 ½ 9 - 9 ½	9.5 10	100
Telsol 359	Gauntlet	27				100
Telsol 361	Gauntlet	35				50
Telsol 362	Gauntlet	40				50

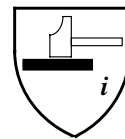
* nominal values

"CE"-TYPE EXAMINATION RESULTS



PROTECTION AGAINST CHEMICALS

According to EN 374 standard.
Telsol 359, 361 and 362 are liquidproof.
Permeation data : see the enclosed
chemical resistance chart.



PROTECTION AGAINST MECHANICAL RISKS

Levels of performance
according to EN 388
standard.



PROTECTION AGAINST MICRO-ORGANISMS

According to EN 374 standard.
For protective gloves Telsol 359,
361 and 362.

4	1	2	1	
				↪ puncture resistance (0 to 4)
				↪ tear resistance (0 to 4)
				↪ blade cut resistance (0 to 5)
				↪ abrasion resistance (0 to 4)

Thanks to its PVC coating in the hand area, TELSOL 358 offers a good protection against humidity.

TELSOL 358 - 359 - 361 - 362

SPECIFIC ADVANTAGES

- Excellent comfort thanks to the high-quality lining : working area seam-free.
- Long gauntlet style (Telsol 362) provides added forearm protection.
- Reinforced finish for enhanced grip and excellent abrasion resistance.
- High resistance to ageing by U.V., light and ozone.
- Recommended for persons sensitized to natural rubber proteins.

MAIN FIELDS OF USE

- Paint spraying.
- Pharmaceutical industry.
- Cleaning work.
- Factory maintenance.
- General handling.

INSTRUCTIONS FOR USE

For enhanced safety and service life of the gloves :

- It is recommended to check that the gloves are suitable for the intended use, because the conditions of use at workplace may differ from the "CE"-type tests.
 - 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 Services - 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 paints, pigments and inks : wipe with a clean cloth dampened with a suitable solvent, and rub over with a dry cloth
 - in use with acids or alkalies : thoroughly rinse the gloves under running water, and rub over with a dry cloth
- Caution : using the gloves or submitting them to another cleaning or laundering process 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.

TELSOL 359 - 361 - 362

CHEMICAL RESISTANCE CHART

These gloves are designed for protection against numerous chemicals such as acids, bases, oils and greases. They are not recommended for contact with ketones and 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	Chemical Resistance Index	Degradation Index (1 to 4)	Permeation (EN 374)	
			Breakthrough time (minutes)	Permeation index (0 to 6)
Ethanol	++	3	103	3
Hydrochloric acid 10%	+ +	NT	>480	6
Methanol	+	2	35	2
Methylethylketone	-	1	9	0
Sodium hydroxide 50%	+ +	NT	>480	6
Toluene	-	1	16	1
Trichlorethylene	-	NT	8	0

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 in MAPA laboratories, unless otherwise specified.

Permeation Index : a high index indicates a long breakthrough time .