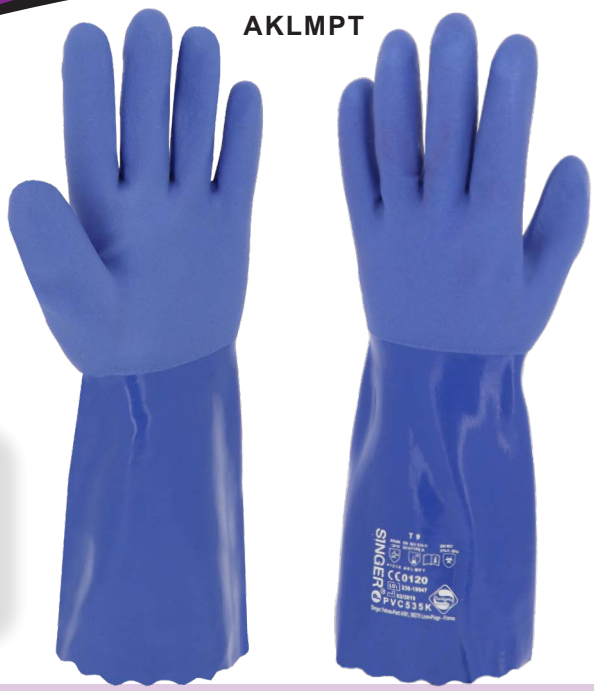
PVC coated - Seamless knitted liner

PVC535K

TYPE A
AKLMPT

350 mm



Made under ISO 14001 ISO 9001

>> Type of use (*)

Given their construction (fully dipped gloves) these products are perfectly tight to certain liquids. They can therefore be used in industry, oil drilling, petrochemicals, cleansing, refining, conveyance and gasoline delivery, industrial fishing, (Automotive) garage...(*)

>> Technical features

- **Pattern:** these gloves are made from polyvinyl chloride (P.V.C) dipped on a 100% cotton interlock seamless liner. Triple dipped.
- **Finish:** sandy finish palm. Smooth finish gauntlet.
- **Colour:** blue.
- **Sizes:** 8, 9, 10, 11.
- **Length:** 350 mm (**).
- **Sanitized®** treatment.
- **Packing:** - carton of 50 pairs.
  - bundle of 10 pairs.

More information: **www.singer.fr** (**) Average value

>> Advantages

chemical protection

- The guarantee and benefits of an **ISO9001** certified manufacturing: quality of products, regularity ...
- **Liquid tight:** the brushed liner are adjusted on hand molds generally in porcelain and then dipped automatically in a P.V.C bath. This way the gloves are fully dipped and liquid tight.
- **Cotton liner:** cotton is a natural fibre and can absorb some of the sweat.
- **Tough flexible P.V.C** coating specially formulated to give high resistance to chemicals including corrosive chemicals, oils and greases. Flared gauntlet for easy removal.
- **Additional granular coating** on hand portion to confer excellent grip in wet / dry and oil/solvent applications.
- **Increased thickness** gives additional wear and abrasion resistance.
- **Sanitized® treatment:** protection against the development of the mould, especially in a humid environment, a protection against microbial attacks, a protection against a discolouration, prevents the bacteria action from bad smell.
- **Seamless pattern:** enhances user comfort (no roughness, points of overheating) and reduces hand fatigue.

>> Conformity

This glove has been tested according to the following European standards:

- **EN420 : 2003 +A1 : 2009.** Protective gloves - General requirements and test methods.
- **EN388 : 2016.** Protective gloves against mechanical risks.
- **EN ISO 374-1 : 2016**. Protective gloves against dangerous chemicals and micro-organisms. Part 1: Terminology and performance requirements for chemical risks.
- **EN 374-2 : 2014.** Protective gloves against dangerous chemicals and micro-organisms. Part 2: Determination of resistance to penetration.
- **EN 16523-1 : 2015.** Determination of material resistance to permeation by chemicals. Part 1: Permeation by liquid chemical under conditions of continuous contact.
- **EN 374-4 : 2013**. Protective gloves against chemicals and micro-organisms. Part 4: Determination of resistance to degradation by chemicals.
- **EN ISO 374-5: 2016.** Protective gloves against dangerous chemicals and micro-organisms. Part 5: Terminology and performance requirements for micro-organisms risks.

EN388 : 2016
4121X
EN ISO 374-1: 2016/ TYPE A
AKLMPT
EN ISO 374-5: 2016
CE 0598
Cat III

It complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment **(PPE)**. **Category III.**
EU type examination certificate (**module B**) issued by **SATRA (Irland).** Notified body **n°2777.**
The PPE is subject to the conformity assessment procedure based on quality assurance of the production process (**Module D**) set out in Annex VIII (Category III) under surveillance of **SGS Fimko Oy.** Notified body **n°0598.**
Download the EU declaration of conformity on: **http://docs.singer.fr**

Your **SINGER® SAFETY'** partner

SINGER® safety

(*) Type of use is given as a guide only. It is to the end user to check whether the product is suitable or not for the intended use. Before any use, read carefully the instructions enclosed with the product. Issue LS 2019_03_15. Copyright: Singer, Fotolia

EN 388: 2016. Protective gloves against mechanical risks

Mechanical data. Information about levels.	Level 1	Level 2	Level 3	Niveau 4	Level 5	**Levels ▼**
Abrasion resistance (number of cycles)	100	500	2000	8000	-	**4**
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	**1**
Tear resistance (in Newtons)	10	25	50	75	-	**2**
Perforation resistance (in Newtons)	20	60	100	150	-	**1**

Cut resistance (as per EN ISO13997) (TDM test)	Level A	Level B	Level C	Level D	Level E	Level F	**Level**
	2	5	10	15	22	30	**X**

EN 388 : 2016

4 1 2 1 X

«X» means that the glove has not been submitted to the test.

EN ISO 374-1: 2016 / TYPE A.

Protective gloves against dangerous chemicals and micro-organisms.
Part 1.Terminology and performance requirements for chemical risks.

EN ISO 374-5 : 2016.

Protective gloves against dangerous chemicals and micro-organisms. Terminology and performance requirements for micro-organisms risks.

EN ISO 374-1 : 2016 / TYPE A

EN ISO 374-5 : 2016

A K L M P T

Chemicals ▼	Code ▼	Class ▼
Methanol	**A**	**3**
Sodium hydroxyde 40 %	**K**	**6**
Sulphuric acid 96%	**L**	**4**
65% Nitric acid	**M**	**5**
Hydrogen peroxid 30%	**P**	**6**
Formaldehyde 37%	**T**	**6**

Type A gloves are gloves that have passed
i) penetration test as per EN374-2:2014 (water leak & air leak test)

ii) achieved at least **Level 2** (**more than 30 min** breakthrough time) for chemical permeation test as per EN16523-1:2015 against minimum **6 chemicals** from the list of 18 test chemicals on Table 2 of EN ISO 374-1:2016.
The 6 tested chemicals are represented by their code letter and marked under the pictogram and

iii) have performed chemical degradation test as per EN374-4:2013 for each chemical claimed and the results are as reported here.

EN 374-4: 2013.

Protective gloves against chemicals and micro-organisms.
Part 4. Determination of resistance to degradation by chemicals.

Chemicals ▼	Code ▼	Degradation palm ▼
Methanol	**A**	- 9.1%
Sodium hydroxyde 40 %	**K**	- 7.3%
Sulphuric acid 96%	**L**	2.7%
65% Nitric acid	**M**	50.1
Hydrogen peroxid 30%	**P**	3.2
Formaldehyde 37%	**T**	-4.0

EN ISO 374-1: 2016

Chemical Permeation Performance levels

Measured breakthrough time (min)	**Permeation performance level**
> 10 min	Class 1
> 30 min	Class 2
> 60 min	Class 3
> 120 min	Class 4
> 240 min	Class 5
> 480 min	Class 6

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