



Acrylic lining !



>> Use (\*)



>> Technische Daten

- ✓ **Construction:** Manufactured from chloroprene rubber latex. Fully acrylic lined. Embossed diamond pattern on palm for better grip.
- ✓ **Colour:** black.
- ✓ **Sizes:** 8, 9, 10.
- ✓ **Length:** 380 mm (\*\*).
- ✓ **Thickness:** 0.68 mm (+/- 0.3 mm (\*\*)).
- ✓ **Packing:** Carton of 50 pairs. Boxes of 10 pairs.

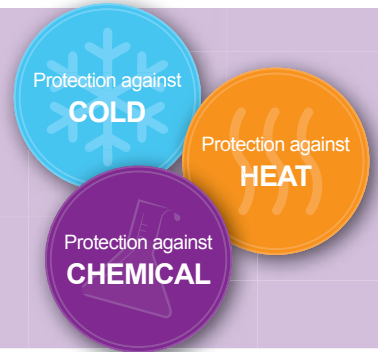
Learn more: [www.singer.fr](http://www.singer.fr)

(\*\*) average values

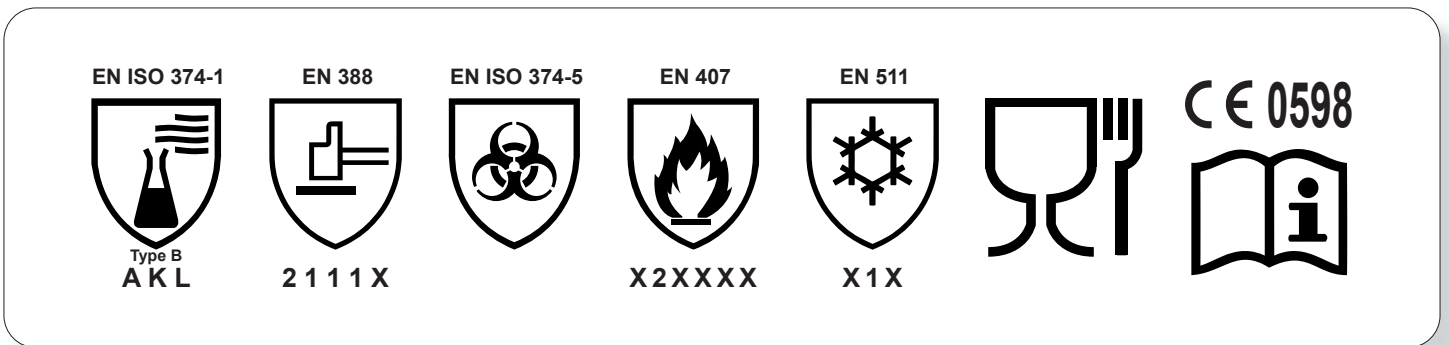


>> Advantages

- ✓ The **ISO 9001** certified production guarantees the reliability / regularity of the production
- ✓ Great demand in the choice and quality of raw materials.
- ✓ Suitable for food contact.
- ✓ Anatomical shape.
- ✓ Embossed palm and fingers for better grip.
- ✓ Its added lining gives a more comfortable donning and sweat absorption.
- ✓ Presentation in individual sachet for an improved conservation.



>> Conformity



It complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III**.

EU type examination certificate (**module B**) issued by **SGS Fimko Oy**. Notified body **n°0598**.

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**.

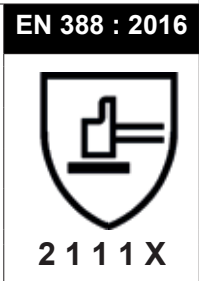
For food contact: in accordance with **Regulation (EC) 1935/2004** art 3, French decree 2007/766 and French decree of 09/11/94 (rubber); any type of food (tests performed by LNE.). Download the EU declaration of conformity on: <http://docs.singer.fr>

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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	-	<b>2</b>	
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	<b>1</b>	
Tear resistance (in Newtons)	10	25	50	75	-	<b>1</b>	
Perforation resistance (in Newtons)	20	60	100	150	-	<b>1</b>	
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	<b>X</b>

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



**EN 388 : 2016**  
**2 1 1 1 X**


EN ISO 374-1: 2016 / TYPE B. 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.		Type B gloves are gloves that have passed i) penetration test as per EN374-2:2014 (water leak & air leak test)  ii) achieved at least <b>Level 2</b> (more than <b>30 min</b> breakthrough time) for chemical permeation test as per EN16523-1:2015 against minimum <b>3 chemicals</b> from the list of 18 test chemicals on Table 2 of EN ISO 374-1:2016. The 3 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 ISO 374-1 : 2016 / TYPE B	EN ISO 374-5 : 2016	Chemicals ▼	Code ▼	Class ▼		
		Methanol	<b>A</b>	<b>5</b>		
		40% sodium hydroxyde	<b>K</b>	<b>6</b>		
		96% Sulphuric acid	<b>L</b>	<b>4</b>		
<b>A K L</b>						

EN 374-4: 2013. Protective gloves against chemicals and micro-organisms. Part 4. Determination of resistance to degradation by chemicals.			
Chemicals ▼	Code ▼	Degradation ▼	Appearance of the sample after test ▼
Methanol	<b>A</b>	<b>42,6 %</b>	Slight swelling
40% sodium hydroxyde	<b>K</b>	<b>49,1 %</b>	No change
96% Sulphuric acid	<b>L</b>	<b>34,9 %</b>	Moderate swelling and colour change

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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EN 511: 2006. Thermal data Tests	Level obtained ▼	Maximum level ▼	EN 511: 2006
Convective cold	<b>X</b>	4	 <b>X 1 X</b>
Contact cold	<b>1</b>	4	
Water proofness	<b>X</b>	1	
A wet glove can lose its insulation properties. The performance levels and the protection only apply to the complete assembly.			



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

EN 407 : 2004. Protective gloves against thermal risks (heat and/or fire)							
EN407: 2004	Thermal data (tests)	Performance levels chart				Levels ▼	
 <b>X 2 X X X X</b>		1	2	3	4		
	a1	Burning behaviour	≤ 20s	≤ 10s	≤ 3s	≤ 2s	<b>X</b>
	a2		No requirement	≤ 120s	≤ 25s	≤ 5s	
	b	Contact heat	100°C ≥ 15 s	250°C ≥ 15 s	350°C ≥ 15 s	500°C ≥ 15 s	<b>2</b>
	c	Convective heat	≥ 4 s	≥ 7 s	≥ 10 s	≥ 18 s	<b>X</b>
	d	Radiant heat	≥ 7 s	≥ 20 s	≥ 50 s	≥ 95 s	<b>X</b>
	e	Small splashes of molten metal	≥ 10 s	≥ 15 s	≥ 25 s	≥ 35 s	<b>X</b>
f	Large splashes of molten metal	30g	60g	120g	200g	<b>X</b>	

a1) After flame time (seconds).  
 a2) After glow time (seconds).  
 b) Contact temperature/ Threshold time (seconds).  
 c) Heat transfer index (HTI) (seconds).  
 d) Heat transfer (T<sub>24</sub>) (seconds).  
 e) Number of droplets which produce a temperature rise of 40 °C.  
 f) Molten iron (in grams).

The performance levels are only for the complete glove, all layers included.  
 «X» means that the glove has not been submitted to the test.

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 safety