



### >> Type of use (\*)

Thanks to its technical characteristics, this glove is suitable for all major works requiring dexterity and a good protection against mechanical risks including cut (cut level E, as per EN 388 European standard).

Industrial maintenance, automotive assembly, general handling, making cables, cardboard factory, metal sheet manufacture, aircraft assembly, engineering works...

### >> Technical features

- ✓ **Construction:** seamless knitter liner. Elasticated knitted wrist. Blended fibres: aramid, cotton, glass, polyamide and steel.
- ✓ **Colour:** yellow/grey with blue coating.
- ✓ **Gauge:** 10.
- ✓ **Coating:** soft latex coated on palm (open back).
- ✓ **Sizes:** 8, 9, 10, 11.
- ✓ **Packing:** - carton of 100 pairs.  
- bundle of 10 pairs.

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

### >> Advantages

- ✓ The **ISO 9001 / ISO 14001** certified production guarantees the reliability / regularity of the production and the control of the environmental impact.
- ✓ Seamless construction: improves user comfort (will avoid rough points and consequently the risks of reddening or irritation of the skin). Improves dexterity for easy handling of small parts and reduces hand fatigue.
- ✓ Quality and high resistance of the aramid fibre.
- ✓ Soft premium latex coating on palm, strong and resistant.
- ✓ High levels of mechanical protection.
- ✓ Good ventilation in the back provided by the open back.  
(The back of the glove is uncoated allowing the hand to breathe.)  
(people sensitive to latex should avoid contact with this material)

### >> Conformity

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

- **EN 420 : 2003 + A1 : 2009.** Protective gloves - General requirements and test methods.
- **EN 388 : 2016.** Protective gloves against mechanicals risks.
- **EN 407: 2004.** Protective gloves against thermal risks (heat and/or fire).

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

#### Category II.

EU type examination certificate (module B) issued by **SATRA (Ireland)**. Notified body n°2777.

Download the EC 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>4</b>	
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	<b>X</b>	
Tear resistance (in Newtons)	10	25	50	75	-	<b>4</b>	
Perforation resistance (in Newtons)	20	60	100	150	-	<b>3</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>E</b>

EN 388 : 2016



**4 X 4 3 E**

«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 ▼
		1	2	3	4		
 <b>X 2 X X X X</b>	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.  
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