

CUT  
LEVEL  
3/CMade  
under

## >> Type of use (\*)

Thanks to its technical characteristics, this protective sleeve is particularly suitable for all major works requiring good protection of the forearm against mechanical risks, including the cut (level 3/C) and tear (level 4).

Industrial maintenance, automotive assembly, mechanical workshops, assembly, glass industry, cardboard factories, printers, etc.

## >> Technical data

- ✓ **Construction:** seamless knitted. **Double layer.**  
Thumb opening. Elasticated elbow.
- ✓ **Material:** 100% Kevlar®.
- ✓ **Colour:** yellow.
- ✓ **Length:** 46 cm.
- ✓ **Packing:** - carton of 200 pieces.  
- bundle of 5 pieces.  
- **sale unit: per piece.**

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

## >> Advantages

- ✓ **Seamless construction:** improves user comfort (will avoid rough points and consequently the risks of reddening or irritation of the skin).
- ✓ The **Kevlar®** fiber (trademark of Dupont de Nemours) provides good protection against mechanical hazards, including cut.
- ✓ **Thumb opening,** allows a good protection of the wrist while maintaining an excellent dexterity.
- ✓ **Ambidextrous:** this sleeve can be used either on left or right arm (hand).

Protection  
against  
cut

Protection  
against  
heat

## >> Conformity

This glove has been tested to the following European standards:

- **EN 388: 2016.** Protective gloves against mechanical 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 **SGS**. Notified body **No 0120/ 0598**.

Download the EC declaration of conformity on: <http://docs.singer.f>

EN 388 : 2016

EN 407 : 2004



1 3 4 3 C




X 1 X X X X

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**SINGER®**  
safety




**EN 388: 2016. Protective gloves against mechanical risks**

Mechanical data. Information about levels.	Level 1	Level 2	Level 3	Niveau 4	Level 5	Levels ▼	<b>EN 388 : 2016</b>  <b>1 3 4 3 C</b>
Abrasion resistance (number of cycles)	100	500	2000	8000	-	<b>1</b>	
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	<b>3</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	
	2	5	10	15	22	30	<b>C</b>

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

**EN 407 : 2004. Protective gloves against thermal risks (heat and/or fire)**

<b>EN 407: 2004</b>		Thermal data (tests)	Performance levels chart				Results ▼
 <b>X 1 X X X X</b> The performance levels are only for the complete glove, all layers included. «X means that the glove has not been submitted to the test.	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>1</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).

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