*) 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,

>> 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

 $\hbox{$\checkmark$ 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

>> 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).



>> Conformity

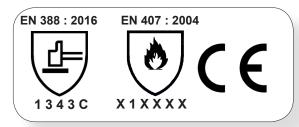
This glove has been tested to the following European standards:

- **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 SGS. Notified body No 0120/ 0598.

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



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



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

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

EN 407: 2004		Thermal data	Performance levels chart						
		(tests)	1	2	3	4	Results ▼		
X1XXXX	a1	Burning behaviour	≤ 20s	≤ 10s	≤ 3s	≤ 2s	X		
	a2		No require- ment	≤ 120s	≤ 25s	≤ 5s			
	b	Contact heat	100°C ≥ 15 s	250°C ≥ 15 s	350°C ≥ 15 s	500°C ≥ 15 s	1		
	С	Convective heat	≥ 4 s	≥7s	≥ 10 s	≥ 18 s	Х		
The performance levels are only for the complete glove, all layers included. «X means that the glove has not been submitted to the test.	d	Radiant heat	≥7s	≥ 20 s	≥ 50 s	≥ 95 s	X		
	е	Small splashes of molten metal	≥ 10 s	≥ 15 s	≥ 25 s	≥ 35 s	Х		
	f	Large splashes of molten metal	30g	60g	120g	200g	X		

- 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_{24}) (seconds).
- e) Number of droplets which produce a temperature rise of 40 °C.
- f) Molten iron (in grams).

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