Leather gloves - Welders

51SIVP15

Made under ISO 14001 ISO 9001

>>Type of use(*)

Given its design this type of glove is typically used for heavy jobs that do not require fine dexterity. Thanks to the thick split leather, with an average thickness of 1.10 mm, to the insulating lining, it is commonly used for manual welding, metallurgy, steel works, demoulding, working near furnaces, etc.

>> General features

- **Construction :** Gunn cut pattern. Wing thumb.
  Middle finger and ring finger sewn separetely.
  Reinforced leather piping at seams.
  Fully lined for enhanced insulation.
- **Material :** cowhide split leather.
  Cotton lining. Polyester thread.
- **Length :** 35 cm.
- **Colour :** green.
- **Size :** 10.
- **Packing :** - Cartons of 50 pairs.
  - Bundles of 10 pairs.

Learn more : ***www.singer.fr***

Protection against heat

>> Main advantages

- Very good resistance to the leather through a strict selection of hides.
- Wide cuff for quick removal of the glove if necessary.
- Quality of manufacture and assembly.
- Traditional leather comfort particularly appreciated for its good breathability.
- The inner lining provides better insulation against heat.

>> 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.** protection against thermal risks (intermediate design).
- **EN 12477: 2001 + A1 : 2005.** Protective gloves for welders.

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 **n°0120 / 0598.**

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

EN 388 : 2016 3 1 3 3 X

EN 407 : 2004 4 1 3 X 4 X

EN 12477 : 2001
+A1 : 2005
TYPE A

CE

Your distributor **SINGER® SAFETY**

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_13. Copyright: Singer. Credit photo: 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	-	3
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	1
Tear resistance (in Newtons)	10	25	50	75	-	3
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	X

EN 388 : 2016

3 1 3 3 X

«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

4 1 3 X 4 X

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

	Thermal data (tests)	Performance levels chart 1	2	3	4	Results ▼
a1	Burning behaviour	≤ 20s	≤ 10s	≤ 3s	≤ 2s	4
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
c	Convective heat	≥ 4 s	≥ 7 s	≥ 10 s	≥ 18 s	3
d	Radiant heat	≥ 7 s	≥ 20 s	≥ 50 s	≥ 95 s	X
e	Small splashes of molten metal	≥ 10 s	≥ 15 s	≥ 25 s	≥ 35 s	4
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).

EN 12477: 2001 + A1: 2005 Type A. Gants de protection pour soudeurs.
Gloves welders type A, recommended for welding processes other than type B
(type B recommended when dexterity is required, as for T.I.G welding).

Your distributor **SINGER® SAFETY**

SINGER® safety