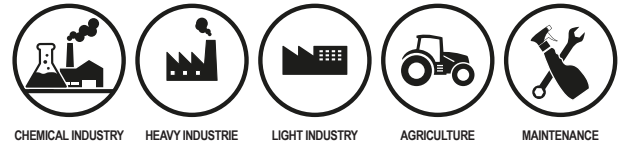




FOOD CONTACT



Area of use*



Technical features

- Protective gloves.**
- Unsupported.**
- Cuff:** straight edge.
- Flock-lining:** cotton.
- Length:** 330 mm (average value).
- Thickness:** 0,38 mm (average value).
- Coating:** nitrile, fully coated.
- Exterior finishing:** smooth (cuff and back) and embossed (palm).
- Colour:** green.
- Sizes:** 7 to 11.
- Packaging:** carton of 100 pairs.
- Subpackaging:** bag of 10 pairs.

Advantages

- High flexibility** of unsupported gloves.
- Splash protection** with the length of the glove.
- Chemical resistance** with the nitrile coating (flocked).
- Improved grip** with the embossed finish.
- Food contact certified** according to the French regulations.



Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III.**
 Issued by **SATRA**, notified body n°2777.

EN ISO 21420 : 2020	EN 388 : 2016 + A1 : 2018	EN ISO 374-1 : 2016	EN ISO 374-5 : 2016	ISO 18889 : 2019		
	3 1 0 1 X	Type A AJKLMNOPT	VIRUS	G2		

Download the EU declaration of conformity on <http://docs.singer.fr>

(*) Example of use given as a guide only. The end user must check whether the product is suitable or not for the intended use.
 Before any use, read carefully the instructions enclosed with the product. Exclusive sale to professionals. Edition CL 02/04/2024 - © Singer® Safety.

EN ISO 21420 - PROTECTIVE GLOVES

General requirements and test methods. This standard specifies the essential requirements for ergonomics, safety, marking, information and instructions for use.

EN 388 - AGAINST MECHANICAL RISKS



1.2.3.4.F.P

1	Abrasion resistance. Level 1 to 4 (4 being the best).
2	Blade cut resistance. Level 1 to 5 (5 being the best).
3	Tear resistance. Level 1 to 4 (4 being the best).
4	Puncture resistance. Level 1 to 4 (4 being the best).
F	Cut resistance (ISO13997). Level A to F (F being the best).
P	Resistance against impact (according to EN 13594). Marking P (optional test).

For gloves that contain materials which can gets dulls to the blade, and additional compulsory test must be performed according to EN ISO 13997 test method (TDM 100 tester).

This test may also be optional for gloves that do not dull the blade.

EN 374 - AGAINST CHEMICALS



Type X
X.X.X

Type A

Breakthrough time \geq 30 min for at least 6 chemicals of the list (see below)

Type B

Breakthrough time \geq 30 min for at least 3 chemicals of the list (see below)

Type C

Breakthrough time \geq 10 min for at least 1 chemical of the list (see below)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	S	T
Methanol	Acetone	Acetonitrile	Dichloromethane	Carbone Disulphide	Toluene	Diethylamine	Tetrahydrofuranne	Ethyl acetate	n-Heptane	Sodium hydroxide 40%	Sulphuric acid 96%	Nitric acid (65±3) %	Acetic acid (99±1) %	Ammonia 25%	Hydrogen peroxid 30%	Hydrofluoric acid 40%	Formaldehyde 37%
67-56-1	67-64-1	75-05-8	75-09-2	75-15-0	108-88-3	109-89-7	109-99-9	141-78-6	142-82-5	1310-73-2	7664-93-9	7697-37-2	64-19-7	1336-21-6	7722-84-1	7664-39-3	50-00-0
Primary alcohol	Ketone	Nitrile composite	Chlorinated hydrocarbon	Organic compound containing Sulphur	Aromatic hydrocarbon	Amine	Heterocyclic Ether	Ester	Saturated Hydrocarbon	Inorganic base	Inorganic mineral acid, oxidising	Inorganic mineral acid	Organic acid	Organic base	Peroxide	Inorganic mineral acid	Aldehyde
Classe 1		Breakthrough time: > 10 minutes															
Classe 2		Breakthrough time: > 30 minutes															
Classe 3		Breakthrough time: > 60 minutes															
Classe 4		Breakthrough time: > 120 minutes															
Classe 5		Breakthrough time: > 240 minutes															
Classe 6		Breakthrough time: > 480 minutes															

ASTM F2878 - PUNCTURE RESISTANCE TO AN HYPODERMIC NEEDLE



Level X

Level 1	Puncture resistance with a less or an equal force to 2 N.
Level 2	Puncture resistance with a less or an equal force to 4 N.
Level 3	Puncture resistance with a less or an equal force to 6 N.
Level 4	Puncture resistance with a less or an equal force to 8 N.
Level 5	Puncture resistance with a less or an equal force to 10 N.

EN 374-5 - AGAINST MICRO-ORGANISMS



VIRUS

Protection against bacteria and fungi

VIRUS = with additional permeation test to virus (ISO16604)

EN 511 - AGAINST THE COLD



A.B.C

A	Convective cold. Level 0 to 4 (4 being the best).
B	Contact cold. Level 0 to 4 (4 being the best).
C	Waterproofness. Level 0 (No) or 1 (Yes).

EN 407 - AGAINST THERMAL RISKS (HEAT AND/OR FIRE)

Protection against fire:



A.B.C.D.E.F

Protection against heat:



X.B'.C.D.E.F
(* Max: Level 2)

A	Burning behaviour. Level 1 to 4 (4 being the best).
B	Contact heat (threshold time \geq 15 s). Level 1 to 4 (4 being the best). <small>1= 100°C / 2= 250°C / 3= 350°C / 4= 500°C</small>
C	Convective heat. Level 1 to 4 (4 being the best).
D	Radiant heat. Level 1 to 4 (4 being the best).
E	Small splashes of molten metal. Level 1 to 4 (4 being the best).
F	Large splashes of molten metal. Level 1 to 4 (4 being the best).

EN 12477 + A1 - FOR WELDERS

Type A

More general welding and cutting operations

Type B

Higher dexterity for TIG welding

ISO 18889 - PESTICIDE HANDLING



X

G1	Low potential risk. Diluted pesticides. Without mechanical resistance.
G2	Medium potential risk. Diluted or concentrated pesticides. Minimum mechanical resistance.
GR	Palm protection only. Dry residues of pesticides.

EN ISO 10819 - VIBRATION AND MECHANICAL SHOCKS

Hand-arm vibration. Measurement and evaluation of the vibration transmissibility from gloves to the palm of the hand.

EN 16350 - ELECTROSTATIC PROPERTIES



Each individual measurement shall satisfy:
the vertical resistance requirement: $R_v < 1,0 \times 10^8 \Omega$.
Test method according to EN 1149-2: 1997.

EN 60903 - MAXIMAL TENSION OF USE



AC	DC	Class
750 V	500 V	00
1 500 V	1 000 V	0
11 250 V	7 500 V	1
25 500 V	17 000 V	2
39 750 V	26 500 V	3
54 000 V	36 000 V	4

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