



FOOD  
CONTACT



### Area of use\*



CHEMICAL INDUSTRY



FOOD PROCESSING



LIGHT INDUSTRY



MAINTENANCE

### Technical features

**Nitrile. AQL 1,5.**

Powder free. Non sterile.

Rolled cuff. Ambidextrous. **Food contact.**

**Thickness:** 0,08 mm (average value).

**Length:** 240 mm (average value).

**Colour:** blue

**Sizes:** 6/7 (S), 7/8 (M), 8/9 (L), 9/10 (XL).

**Packaging:** carton of 10 boxes.

**Subpackaging:** dispenser box of 100 gloves.

### Advantages

**Oils and greases resistance** thanks to the material (nitrile).

**Limits the risk of allergies** (latex-free).

**Ambidextrous and disposable** (short use).

**Easy distribution** thanks to the dispenser box.

**Prevents the flow of liquid on the arms** thanks to the rolled edges.

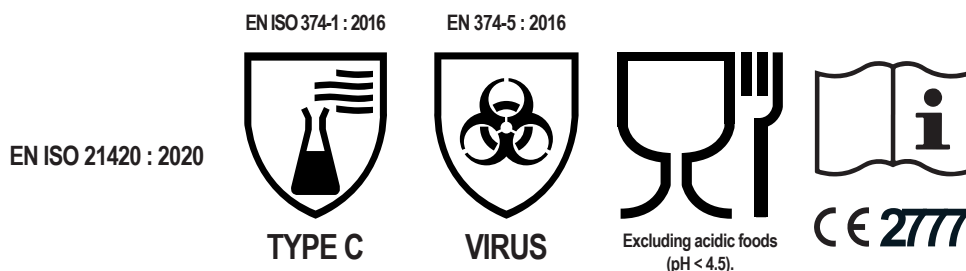
**Food contact certified** according to the French regulations.

SINGLE  
USE

### Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category III.**

Issued by **SATRA**, notified body n°2777.



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

## 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 get 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.