



### Area of use\*



HEAVY INDUSTRIE



LIGHT INDUSTRY



FINISHINGS



MAINTENANCE

### Technical features

#### Protective gloves.

**Liner:** polyester, high density polyethylene and elastane, seamless knitted.

**Gauge:** 13.

**Wrist:** elastic knit with piping

**Coating:** polyurethane, coated on palm.

**Colour:** grey and black.

**Sizes:** 6 to 12.

**Packaging:** carton of 100 pairs.

**Subpackaging:** bag of 10 pairs.

### Advantages

**Non-irritating and easy to adjust** with the seamless knitted liner.

**Excellent cut resistance** with the technical fibers of the liner.

**Good support of the glove** with the elastic knitted wrist.

**Increased flexibility and resistance** with the polyurethane coating.

**Abrasion resistance** with the smooth finish.

**Back of the hand ventilated** thanks to the only palm coating.

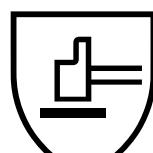


### Certification

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

Issued by **MIRTA-KONTROL d.o.o**, notified body n°**2474**.

EN 388 : 2016 + A1 : 2018



EN ISO 21420 : 2020

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 374-5 - AGAINST MICRO-ORGANISMS

Protection against bacteria and fungi

VIRUS = with additional permeation test to virus (ISO16604)

## 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 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)



A.B.C.D.E.F



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). $1=100^{\circ}\text{C} / 2=250^{\circ}\text{C} / 3=350^{\circ}\text{C} / 4=500^{\circ}\text{C}$
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.

## ASTM F2878 - PUNCTURE RESISTANCE TO AN HYPODERMIC NEEDLE



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.