



## Multi-layers concept




## &gt;&gt; Type of use (\*)

Thanks to its technical characteristics, this glove is particularly suitable for all major works requiring dexterity in cold environment.

Refrigerating warehousing and storage, construction, public works, driver, transportation, cargo handling, maintenance of green areas, fishing, sports, ski resorts...

## &gt;&gt; Technical features

- ✓ **Construction:** Seamless knitter liner.  
Elasticated knitted wrist.  
Inner layer in warm brushed layer.  
Outer layer in polyamide.
- ✓ **Gauge :** 15.
- ✓ **Coating:** HPT™ (hydropellent Technology) coated palm.  
Uncoated back (ventilated).
- ✓ **Actifresh® treatment.**
- ✓ **Colour :** black coating, black liner.
- ✓ **Sizes :** 7, 8, 9, 10, 11, 12.
- ✓ **Packing:** Carton of 50 pairs.  
Bundle of 5 pairs. 

Learn more : [www.singer.fr](http://www.singer.fr)

## &gt;&gt; Advantages

- ✓ **HPT™ coating** (Hydropellent Technology). This process creates a spongy, soft, durable, flexible coating that repels liquids to provide a firm wet or dry grip. Encapsulated air molecules provide an inherent vibration absorption feature.  
Unique coating formulation remains soft and flexible in temperature as low as -50°C !
- ✓ Warm brushed layer provide a soft and comfortable isolation.
- ✓ Seamless knitted construction improves user comfort (no roughness, heating points) and reduce hand fatigue.
- ✓ Treated with **Actifresh®** to kill bacteria and promote freshness.
- ✓ Available in small and large sizes.
- ✓ **ISO 9001** certified manufacturing guarantees the reliability and regularity of production.
- ✓ **Oeko-Tex® Standard 100 certification.** Quality and innocuousness of materials.

## &gt;&gt; Conformity

This glove has been tested as per:

- **EN 420 : 2003 +A1 : 2009.** Protective gloves - General requirements and test methods.
- **EN 388 : 2016.** Protective gloves against mechanical risks.
- **EN 511 : 2006.** Protective gloves against cold.

It complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE).

Category II. EU type-examination certification issued by **SATRA (Ireland)**. Notified body n°2777.

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

EN 388 : 2016



3 2 3 1 X

EN 511: 2006



X 2 X





Cat II

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EN 388: 2016. Mechanical data (information about levels)	Level 1	Level 2	Level 3	Level 4	Level 5	Levels ▼	<div>EN 388 : 2016</div>  <div>3 2 3 1 X</div>
Abrasion resistance (number of cycles)	100	500	2000	8000	-	<b>3</b>	
Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0	<b>2</b>	
Tear resistance (in Newtons)	10	25	50	75	-	<b>3</b>	
Perforation resistance (in Newtons)	20	60	100	150	-	<b>1</b>	
Cut (as per EN ISO13997) (N)	Level A	Level B	Level C	Level D	Level E	Level F	Level ▼
	2	5	10	15	22	30	<b>X</b>
<p>Results are on palm of the gloves (on new gloves, not washed, not regenerated).</p> <p>Please note that for gloves with two or more layers, the overall classification does not necessarily reflect the performance of the outermost layer.</p> <p>Gloves shall not be worn when there is a risk of entanglement by moving parts of machines.</p> <p>Gloves meeting the requirement for resistance to puncture may not be suitable for protection against sharply pointed objects such as hypodermic needles.</p>							

EN 511: 2006. Thermal data Tests	Level obtained ▼	Maximum level ▼	<div>EN 511: 2006</div>  <div>X 2 X</div>
Convective cold	<b>X</b>	4	
Contact cold	<b>2</b>	4	
Water proofness	<b>X</b>	1	
<p>A wet glove can lose its insulation properties.</p> <p>The performance levels and the protection only apply to the complete assembly.</p>			

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

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