



 **PYROVET**  
COLLECTION  
**350 gsm**



**>>Uses (\*)**

This protective equipment is recommended for manual welding techniques with light formation of platters and drop e.g gas welding, TIG welding, MIG welding, micro plasma welding, brazing, spot welding, MIMA welding (with rutile covered electrode) for operation of machine e.g oxygen cutting machines, plasma cutting machines, machines for thermal spraying, bench welding.

**>> Technical features**  
**Fire retardant protective clothing.**

- ✓ Fire retardant fabric in 350 gsm.  
98% cotton, 2% antistatic material (carbon).
- ✓ Safety trousers.
- ✓ Side slant pockets.
- ✓ 1 outer pocket on left leg with hook-and-loop fastened flap
- ✓ 1 ruler pocket on right leg.
- ✓ Fly with zipper under flap.
- ✓ Waist clothing with button.
- ✓ Elasticated waist and belt loops.
- ✓ **Colour:** Blue. Orange bartacks.
- ✓ **Sizes:** S, M, L, XL, 2XL, 3XL, 4XL.
- ✓ **Packing :** - carton of 10 units.  
- Individual polybag.



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

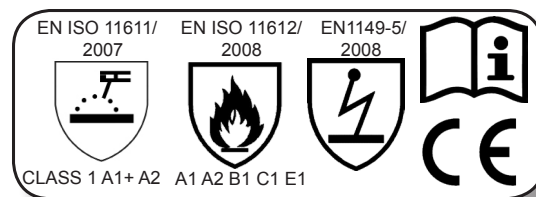
**>>Main advantages**

- ✓ It is thanks to the know-how of Singer® Safety that they were designed and created. We take the utmost care in selecting fabrics, accessories and clothing in order to provide you with comfort, efficiency and functionality.
- ✓ Soft and very comfortable fabric.
- ✓ Numerous pocket. Modern and efficient design.
- ✓ Elasticated waist for better comfort. Belt loops for a good fit of the trousers.

**>> Compliance**

This equipment has been tested according to the following European Standards:

- **EN ISO 11611 : 2007.** Protective clothing for use in welding and allied processes. **Class 1- A1**
- **EN ISO 11612 : 2008.** Protective clothing. Clothing to protect against heat and flame. **A1 A2 B1 C1 E1 .**
- **EN 1149-5 : 2008.** Protective clothing — Electrostatic properties. Part 5: Material performance and design requirements



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

EU type examination certificate (**module B**) issued by **AITEX**. Notified body n°**0161**.

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



This product must be worn with the **VALPA** jacket to provide the proper level of protection.  
In addition, according to the considered job, other complementary equipments shall be provided in order to bring the necessary protection for all the others exposed body parts: gloves, shoes, goggles or welder's hood...

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**EN ISO11611: 2015.  
PROTECTIVE CLOTHING FOR USE IN WELDING AND ALLIED PROCESSES**



**CLASS 1 A1+ A2**

**INTENDED USE**

**Selection criteria relating to the process and to the environmental conditions**

**Class 1-** recommended for manual welding techniques with light formation of platters and drop e.g gas welding, TIG welding, MIG welding (with low current), micro plasma welding, brazing, spot welding, MIMA welding (with rutile covered electrode) for operation of machine e.g oxygen cutting machines, plasma cutting machines, machines for thermal spraying, bench welding.

Limited flame spread according to the **A1+ A2** test methods of **EN ISO 15025: 2017**.

**EN ISO 11612: 2015.  
PROTECTIVE CLOTHING. CLOTHING TO PROTECT AGAINST HEAT AND FLAME.  
MINIMUM PERFORMANCE REQUIREMENTS**



**A1 A2 B1 C1 E1**

**NOTE (EN ISO 11612)**

The clothing should be worn to protect the body of the wearer against heat and flames. In case of accidental splashes by chemicals and/or flammable substances, the wearer must immediately retreat and take off the garment - make sure chemical of flammable substances do not get in contact with the skin. Such garment must be subsequently cleaned or discarded. In the event of a molten metal splash the wearer shall leave the working place immediately and take off the garment. In the event of a molten metal splash, the garment, if worn next to the skin, may not eliminate all risks of burn.

Limited flame spread according to the **A1+ A2** test methods of **EN ISO 15025: 2017**.

Performance levels	Range of HTI <sup>a</sup> 24 values	
	min.	max.
<b>B1</b>	4,0	<10,0
B2	10,0	<20,0
B3	20,0	

<sup>a</sup> HTI (heat transfer index) defined in ISO 9151

Performance levels	Heat transfer factor RHTI <sup>a</sup> 24	
	min.	max.
<b>C1</b>	7,0	<20,0
C2	20,0	<50,0
C3	50,0	<95,0
C4	95,0	

<sup>a</sup> RHTI (Radiant heat transfer index) defined in ISO 6942

Performance levels	Molten iron splash	
	min.	max.
<b>E1</b>	60	<120
E2	120	<200
E3	200	

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**EN 1149-5: 2008.**  
**Protective clothing. Electrostatic properties .**  
**Part 5: Material performance and design requirements.**



**INFORMATION REGARDING THE ELECTROSTATIC PROPERTIES**

The person wearing the electrostatic dissipative protective clothing shall be properly earthed.

The resistance between the person and the earth shall be less  $10^9 \Omega$  e.g by wearing adequate footwear ; electrostatic dissipative protective clothing shall not be open or removed whilst in presence of flammable or explosive atmospheres or while handling flammable or explosive substances; electrostatic dissipative protective clothing shall not be used in oxygen enriched atmospheres without prior approval of the responsible safety engineer; the electrostatic dissipative performance of the electrostatic dissipative protective clothing can be affected by wear and tear, laundering and possible contamination; electrostatic dissipative protective clothing shall permanently cover all non-complying materials during normal use (including bending and movements).

TEST. Flame retardant fabric 350 gsm. 98% cotton, 2% antistatic material. Blue color.	Result
EN 1149-1 : surface resistance $\leq 2.5 \times 10^9 \Omega$	Comply

**RELATED PRODUCTS**



**COSTA**



**VALPA**



**PYROCAG**



**PYROMTE**



**MS1190**



**ETNA**



**51WELD**

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