PORTAC





TRIPLE SEAM





Area of use*



Technical features

Work trousers.

Material: 40% polyester and 60% cotton, 300 gsm. Numerous outer pockets (with 2 removable tooling pocket). Badge holder. Fly with zipper and button. Loops for belt. Self-grip belt. Reinforced knee pad pockets. Loins protection (polar fleece polyester). Elasticated waist. Retro-reflective lines. Colour: black. Sizes: S to 4XL. Packaging: carton of 10 pieces. Subpackaging: individual polybag.



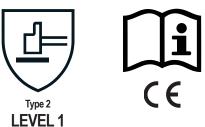
Advantages

- > 2 removable tooling pocket
- > Light and comfortable thanks to the material (polyester/cotton).
- > Better visibility thanks to retro-reflective lines.
- > Quality and safety of materials with OEKO-TEX® certification.
- > Functional and practical thanks to various outer pockets.
- > Reinforced knee pad pockets.



This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (**PPE**). **Category II.** Issued by **CENTEXBEL**, notified body n°0493.

EN 14404 : 2004



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



BODY

Protection

EN 14058 - AGAINST COOL ENVIRONMENTS

A B C D	А	Thermal resistance. Class 1 to 4 (4 being the best).	
	A B	В	Air permeability. Class 1 to 3 (3 being the best).
	С	С	Resulting thermal insulation. Optional test.
	D	Resistance to water penetration. Optional test.	

EN 343 - AGAINST BAD WEATHER		
	A	Resistance to water penetration. Class 1 to 4 (class 4 being the best).
B R	В	Evaporative resistance. Class 1 to 4 (class 4 being the best).
	R	Controlled under a rain simulator (optional). Class R.

EN ISO 11611 - WELDING AND ALLIED PROCESSES

Class 1		Against minor risks: Less projections and a weak radiant heat.
=	Class 2	Against important risks: More projections and a more important radiant heat.
	A1 or A2	Test method used for spreading of the flame, in conformity with the standard ISO 15024/2000.

EN ISO 11612 - PROTECTION AGAINST HEAT AND FLAM

	A1 and/or A2	Limited flame spread.
	B1 to B3	Convective heat.
	C1 to C4	Radiant heat.
	D1 to D3	Molten aluminium splash.
~	E1 to E3	Molten iron splash.
	F1 to F3	Contact heat.

This standard imposes a number of requirements in terms of product design (for exemple: the flap of the outer pockets must be larger than the pocket ...). Each garment must bear the code letters A1 and / or A2 plus at least another code letter.

EN ISO 14116 - LIMITED FLAME SPREA

A/BC/D	A	Index 1	Limited flame spread / Absence of burning debris / Residual glow.
		Index 2	Limited flame spread / Absence of burning debris / Residual glow / No hole formations.
		Index 3	Limited flame spread / Absence of burning debris / Residual glow / No hole formations / Limited persistence of flame.
	В	-	Number of washes.
	С	Н	Home washing.
		I	Industrial washing.
		С	Chemical washing.
	D	-	Washing temperature.

If the materials can not be washed: BC/D = 0/0. The pictogram (see above) can be used only if the product has been tested to another standard of flame protection.

EN 1149-5 - ELECTROSTATIC PROPERTIE

Electrostatic properties, part 5. Material performance and design requirements.

EN ISO 20471 - HIGH VISIBILITY



The coefficient of retro-reflection of the retro-reflective material must be class 2 to comply with EN ISO 20471 (class 1 of previous EN 471 standard has been cancelled). «X» indicates the class of the garment according to the compulsory minimum area..

EN 14404 - KNEE PROTECTION		
	Type 1	Protective portable knee pads.
	Type 2	Knee pads associated with clothing.
TYPE X	Туре 3	Carpet for knees.
	Type 4	Kneeling systems.
	Level 0	Flat floors, no resistance to penetration required.
	Level 1	Flat floors, resistance to penetration of 100N.
	Level 2	Flat or irregular surfaces, resistance to penetration of 100N.
	Level 3	Flat or irregular surfaces under difficult conditions, resistance to penetration of 250N.

EN 61482 - THERMAL HAZARDS OF AN ELECTRICAL ARC

his	APC 1	Tested with an electrical arc of 4 000 amperes
	APC 2	Tested with an electrical arc of 7 000 amperes

Also, for each class, are checked: - Absence of flame spread.

- Absence of heat transfer that can burn the user to the 2nd degree.

- Proper functioning of the EPI closure systems after the tests.

EN 943, EN 14605, EN ISO 13982, EN 13034 AGAINST CHEMICALS

Type X	Type 1	Gaz tight.
	Type 2	Non gaz tight.
	Туре 3	Liquid tight connections.
	Type 4	Spray-tight connections.
	Туре 5	Protection to the full body against airborne solid particulates.
	Туре 6	Limited protection against liquid chemicals.

EN 14126 - AGAINST INFECTIVE AGENTS



Performance requirements and tests methods for protective clothing against infective agents.

EN 1073-2 - AGAINST RADIOACTIVE CONTAMINATION



Requirements and test methods for non-ventilated protective clothing against particulate radioactive contamination.