

**USER INSTRUCTIONS****CE0493****Protective clothing for users of hand-held chain saws
Leg protectors**

PLEASE READ BELOW INSTRUCTIONS CAREFULLY BEFORE WEARING THESE GARMENTS
CHECK WITH YOUR SAFETY ENGINEER OR YOUR SUPERIOR IF THIS GARMENT IS SUITABLE
FOR YOUR SPECIFIC WORKING ENVIRONMENT .

KEEP THESE INSTRUCTIONS CAREFULLY IN ORDER TO BE ABLE CHECK THOSE ON EACH
MOMENT*

(*) CHECK ON WWW.SIOENAPPAREL.COM IF YOU HAVE THE MOST RECENT VERSION

This garment fulfils the fundamental prescriptions of the **European Regulation 2016/425** concerning Personal Protection Equipment (PPE's).. By means of type approval, this garment has been certified to the European standard **EN 381 Part 5 :1995** - Protective clothing for users of hand-held chain saws The garment also complies with the. norm **EN ISO 13688:2013** – General requirements

Protective equipment with reference **LP A1 / LP A2 / LP A3 – LP C1**, will be labeled with above mentioned norms.

Type-examination has been done by Centexbel, Technologiepark 70, B-9052 Zwijnaarde, (NB 0493).

If this number 0493 is shown on the right next to the CE pictogram on the sewn-in label, it means that it is category III PPE of a complex design that is to protect the user against hazards which are fatal or which can seriously and irreparably impair one's health.. This type of PPE is submitted to an EC-quality guarantee system of the production with supervision (module D). The supervision of our ISO 9001-system has been entrusted to BQA/CENTEXBEL (NB0493), Technologiepark 70, B-9052 Zwijnaarde.

The EU declaration of conformity can be found at the following Internet address: <http://sio.to/eudoc>

This PPE is in conformity with the REACH regulation. This PPE contains no elements of which is known today that they can cause allergic reactions or which are known to be carcinogenic or mutagenic .. This product does not contain any substances at such a level that is known or suspected of having harmful effects on the hygiene or health or the user within the expected conditions of usage. The design does not cause any irritation or discomfort to the wearer. This personal protection equipment does not contain materials that are known to provoke allergic reactions. If allergic reactions should occur, consult a physician immediately and take contact with the manufacturer.



EN 381-5:1995
class x
design x

Reference	Design	Class
LP A1	A	1 (20 m/s)
LP A2	A	2 (24 m/s)
LP A3	A	3 (28 m/s)
LP C1	C	1 (20 m/s)

The garment does not give you protection on the places where there is no protective material

The class to which the garment performs, the chain speed and the area of the garment which is covered by protective material specified by a certain design, is mentioned on the label

Classification according to chain speed : class 1 : 20 m/s class 2 : 24 m/s class 3 : 28 m/s

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Protected area : (see label)

Design A



Design B



Design C



Design A & B are meant to be used in normal forest harvesting work by professional loggers, who are thoroughly trained and instructed.

Design B is similar to design A but has a more extended coverage of protective material on the inner side of the left leg.

Design C is to be used by persons, who are not normally working with chain saws or in exceptional situations e.g., when working in trees

Care instructions for domestic washing machines (*) (see label)

Do not let your garment get too dirty. Damaged or soiled garments reduce the level of protection. Long-lasting exposure to dirt, eg chemicals such as oils, greases, etc., can also damage the protective properties of the clothing if the clothing is dirty).

We recommend professional maintenance (via an internal or external laundry).

Wash multi-colored or bright colored clothing separately.

Close Zippers, snap fasteners, Velcro fasten before the garment. Empty all bags.




Empty all pockets


Safety clothing requires special care and should be cleaned regularly. It should be cleaned every week if worn daily with average soiling. It should be washed immediately after use if severely soiled. Resin, oil and fuel residues can have a detrimental effect on the function of safety clothing. Conventional detergent is recommended for washing. Add a tablespoon of grease solvent (soap) to the detergent if severely soiled. To maintain the protective function, the garments should be pulled into shape while wet and then dried in air. Washing at excessively high temperatures and tumble-drying will reduce the protective function and wear properties (shrinkage – discoloration)

Surveys have shown that contamination of the clothing (for example :tree resins, oil or fuel residues in the material) can have a negative effect on the function of the cut-retardant clothing. The number of times the clothing is cleaned or washed can also (due , for example, to the mechanical effects of the washing machine) reduce the effectiveness of the cut-retardant clothing. In order to ensure the best possible protection, the following rules for cleaning and care of the cut-retardant clothing should be observed.

Washing instructions are mentioned on the label..

If the garment is composed of different parts, e.g. detachable lining, the best results are obtained by washing the different parts separately. Every part has its own label. If, however, the parts are washed together, the mildest washing instructions have to be used. Brightly coloured garments have to be washed separately washing instructions are mentioned on the label. Close zipper, press studs, touch closure before washing the garment

1. Maximum washing temperature allowed is mentioned in the tub . A line under the tub means that the garment has to be washed with restricted movements . Some garments have to be washed by hand . – Do not use softeners. Do not use optical brighteners. Do not use bleach agents.

2. The use of The use of chlorine bleaching products is not allowed for the care or disinfection of your PPE . Be careful : also the use of chlorine cleaning products as for e.g. floors, materials ... can damage your PPE and the protective layer of it.





3. According to the composition of the garment, this can be or cannot be dried in a tunnel dryer. The garment cannot be dried in a tunnel dryer: ☒ do not dry in a tunnel dryer, ☑ dry in a tunnel dryer at low temperature. You obtain the best results by drip-drying .
4. The garment can or cannot be ironed (see label): ☒do not iron, ☑ironing permitted at max. 110°C. ; ☑ironing at max.150°C. In some cases the garment has to be ironed, to improve the repulsion of chemicals, after each washing, at the exterior side, at the exception of the reflective stripes, at low temperature (max. 110°C)
5. Depending on the composition of the garment dry cleaning may or may not be allowed, with restricted movements. ☐ : dry cleaning with restricted movements allowed, except with the product tri-chloroethylene. ☒ : no dry cleaning.
6. Do not use washing softeners. Make sure that the garment is thoroughly rinsed, so that all remaining detergents are removed.
7. For maximum satisfaction, do not store the garment when wet. Store it in its original packing (polyethylene bag). Reshape the garment when wet after each washing.. Storage of the garment in a dark and dry place will prevent discoloration. Any complaints regarding colour changes will not be accepted.
8. To minimise the possible water- and dust recording, we advise for the clothing with a fabric on the outside, to test the water repellence of the exterior fabric frequently and if necessary to re-apply a water repellent finish during maintenance. The efficiency of the water and stain repellence surface finish of woven material, will decrease depending on use and maintenance. When repellency is insufficient, reapplication (e.g. in commercial laundries) can optimise the performance again.
9. **Never wear a damaged garment.** A damaged garment must be taken out of use immediately and either repaired or replaced. Notify your manager at once. At the end of its life, this garment is to be collected, removed and processed in controlled conditions (professional collection service for mechanical destruction, thermal recycling, etc.) in a specialised facility. SIOEN NV is under no obligation to take items back. We recommend professional care (via an in-house or outside laundry). Specific care instructions for commercial laundries are available from SIP PROTECTION upon request

Attention:

* No safety clothing can provide total protection against injury due to a chainsaw. The degree of protection depends on numerous factors (e.g. speed of the chainsaw, engine torque, angle at which the bar contacts the fabric, working position – stooping or upright, etc...)

* This cut retardant garment is no substitute for safe operation of a power tool. Incorrect use of a power tool can result in accidents. It is therefore essential to observe all local safety regulations, standards and ordinances as well as the safety precautions and instructions given in the owner's manual of your power tool

* These leg protectors are provided with pads constructed from several layers loose woven material, so that, when in contact with a moving chain, the threads are torn out and clog the chain saw drive mechanism. **DO NOT REPAIR OR STITCH THROUGH THE PROTECTIVE MATERIAL**

HOWEVER ,no item of clothing will provide full protection, therefore never intentionally let the chain make contact with any part of this garment. Remember a chainsaw is a machine which should always be treated with extreme caution.

In order to optimise the protection this garment should always be worn with suitable shoes, gloves, helmet, ear protectors and upper body protection. The cut-retardant material in protective clothing helps provide protection only if it has not been pinched, twisted or modified. It is therefore important to take this into account before choosing a specific working technique.

Before using the chain saw consult your supplier to ensure that your protective clothing is compatible with the machine.

* Ensure that this safety clothing is not damaged by sharp or pointed implements (saw chain, thorns, metal tools, etc.) as well as aggressive substances, such as acids, oil, solvents, fuel, animal excrements , etc. It must also be kept away from hot objects (exhaust mufflers, etc.) and other heat sources (naked lights, heaters, etc.). This protective garment has been designed for the users of handheld chainsaws. It does not provide protection against other risks (e.g. other areas of operation such as construction work, contact with electric energy/current, when operating cut-off machines, pressure washers , etc.)





* Only wear garments of a suitable size. Garments which are either too loose or too tight will restrict the movements and will not provide the optimum level of protection. Ensure that the leg protectors are sufficiently long to fully cover the ankles.

* Never stitch through the protective pad while hemming the trouser or while making other adjustments, because then the long fibres won't be easily removed from the pad to clog the drive mechanism of the chain saw.

*If the garments are smeared with fuel , oil , grease or other inflammable substances while working, change clothes before continuing work – fire hazard! . Ensure that the garments are cleaned as specified before they are reused

* When not in use, store the garment in a well ventilated area away from extremes of temperature. Store the garment preferably hanging vertically. If the garment is wet, reshape it by hand and allow it to dry fully before placing it into storage.

*The protective material and area of coverage must not be altered. If the garment is damaged it will no longer provide the optimum level of protection, and therefore should be replaced immediately. Damaged garments should be immediately destroyed or marked to prevent them from being worn again. **NEVER wear a damaged garment. IF THE PROTECTIVE MATERIAL IS DAMAGED, THE GARMENT IS TO BE DISCARDED.**

Advisory lifespan depends on the level use, care, storage. UV light, soiling and cleaning can decrease the level of protection. It is therefore recommended to remove the pants without any damage after a period of use of approx. 3 to-5 years of use. Less intensive use extend the lifespan accordingly. In no case should the pants be used for more than 5 years

Always check the condition of the product before each use



As all Personal Protective Equipment, this product does not offer protection against all risks (see your specific risk-analyse

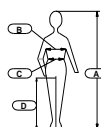
Making alterations to this clothing (without permission from the manufacturer) is not permitted

Check if you have the right size and if there is no visible damage to the garment

As a general rule , garments should be selected so that they do not restrict movement in any way. At the same time, they should not be too wide in order to avoid the risk of catching on branches, etc.

Body measurements

A : length
B : chest girth
C : waist girth
D : inside leg



Weight per size :

Design A:

Trousers	size : 2XS to M : ± 1.2 kg	L to 2XL : ± 1.3 kg	3XL to 4XL: ± 1.4 kg
Coveral	size : 2XS to M : ± 1.4 kg	L to 2XL : ± 1.5 kg	3XL to 4XL: ± 1.6 kg

Design C

Trousers	size : 2XS to M : ±1.4 kg	L to 2XL: ± 1.6 kg	3XL to 4XL : ±1.8 kg
Coveral :	size: 2XS to M : ± 1.5 kg	L to 2XL: ±1.7 kg	3XL to 4XL : ±.1.9 kg

Tractability: On the label you find the necessary information. Style number /Order number/date of Production

Storage instructions : When you are not wearing the garment, you should store it dry, uncompressed, in a well-ventilated room. Avoid extreme temperatures and avoid direct sunlight to prevent colour changes from occurring. Complaints about colour changes will not be entertained..

SIP PROTECTION cannot be held responsible in any way whenever a PPE (in this case a garment) is not used 100 % according to the above instructions.

(*)For more information regarding the care and maintenance instructions, repair and safe disposal methods, please contact your SIP PROTECTION- distributor.

