

USER INFORMATION STEIN CHAINSAW PROTECTIVE TROUSER



Model: SS-1141523 ***

Depicts the garment size
(see size chart below)



Approved Body:
0120

EN ISO 11393-2



Class 1 (20 m/s)

Manufacturer or authorized representative:

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These products are classed as Personal Protective Equipment (PPE) by the European PPE Regulation 2016/425 and have been shown to comply with this Regulation through the Harmonised European Standards EN ISO 11393-2:2019

These products are classed as Personal Protective Equipment (PPE) by the UK PPE Regulation 2016/425 as brought into GB law and amended and have been shown to comply with this Directive through the designated standard EN ISO 11393-2:2019

Carefully Read these instructions before using this product

This product is designed to minimise the risk of/provide protection to the legs against accidental contact with a hand held chainsaw machine. However, always remember that no item of PPE can provide full protection and care must always be taken while carrying out the risk related activity.

Performance and limitations of Use – The products have been tested in accordance with EN ISO 11393-2:2019 for Class 1 performance (protection at linear chainsaw speeds up to 20 m/s)). The products are not designed to offer protection to the wearer against any other hazard e.g. against welding, chemicals, contact with electrical current.

There are different classes and forms of leg protectors:

Class 1 (y)= 20m/s (x) chain speed standard class)

Class 2 (y) = 24m/s (x) chain speed

Class 3 (y)= 28m/s (x) chain speed

Class 3 offers a higher level of protection than class 2, class 2 a higher level than class 1.

Form / Design A = Standard protection (The cut protection covers the front and 5cm of the back of the legs)

Form / Design B = Chaps (Cut protection areas as design A)

Form / Design C = Surrounding protection (The cut protection covers the front and back of the legs)

Compatibility – To optimise protection, in some instances it may be necessary to use these products with suitable protective boots, gloves, helmet, and ear defenders. In this case before carrying out the risk related activity consult your supplier to ensure that all your protective products are compatible and suitable for your application.

ENISO 11393-2:2019 Design C Class 1 (20 m/s) - Chainsaw Protective Trousers with protective area over the entire front of both trouser legs plus protection approximately 20cms upwards from the crotch with a gap of no more than 3cms in the middle. Protective area at the back, roughly up to the crotch.

Improper Use

Dirty clothing may lead to a reduction in protection and if at any time this garment is un-recoverably damaged, soiled or contaminated, it should be replaced immediately. Dispose of this garment appropriately at the end of its life – textile materials may be re-cycled. No liability will be accepted for garments where care labels have been ignored, defaced or removed. The garment should be worn fastened at all times to provide the correct level of protection as stated above.

Marking: The product is marked with:

1. The washing instructions.
2. The CE and UKCA mark showing that the product meets the requirements of the PPE Directive 2016/425
3. Identification of the manufacturer/authorised representative and the product code/article number.
4. Product batch number
5. Manufacture date

CARE INSTRUCTIONS

To obtain the best possible protection and comfort when using this safety product, it is essential that you read and observe the following information.

1. **Important!**
No cut-protection clothing can provide absolute protection against injuries by chainsaws. 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-protection is not a replacement for safe working procedures. Incorrect use of a chainsaw can result in accidents. You should therefore observe the safety regulations of the appropriate authorities and the safety notes in the operating instructions being used.
2. **Caution!**
Examinations have shown that contamination of the clothing (by, for example, tree resins, oil or fuel residues in the material) can have a negative effect on the function of the cut protection clothing. The number of times the clothing is cleaned or washed can also (due to the mechanical effects of the washing machine) reduce the effectiveness of the cut protection clothing. In order to ensure the best possible protection, the following rules for cleaning and care of the cut protection clothing should be observed.
Cut protection 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. Conventional detergent is recommended for washing. Do not use fabric conditioners. Always wash with the zipper closed. After washing, pull the cut protective clothing into shape while it is still damp and dry it in the air. Excessively high washing temperatures or drying of the clothing in an electric dryer will reduce the protective function and the wearing properties by shrinkage.

Instructions for cleaning:

Normal wash
at
40 degrees C



DO NOT
BLEACH
with chlorine



DO NOT IRON



DO NOT DRY
CLEAN



DO NOT
TUMBLE DRY



DRIP DRY
ONLY

Max. X5 wash cycles.

The stated maximum number of cleaning cycles is not the only factor related to the lifetime of the garment. The lifetime will also depend on usage, care, storage etc.

After washing lay the garment flat and reshape the trousers whilst still wet especially the legs to realign the protective material

3. Avoid damaging the clothing by contact with sharp objects (the chain of the chainsaw, thorns, metal tools, etc.) Also avoid contact with aggressive substances such as acids, oils, solvents, fuel, Animal excrements and with hot objects (exhaust pipes, etc.) and other heat sources (naked flames, heaters, etc.)
Important! 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.
4. **Repair**
Only the outer material can be repaired. Do not stitch through, or modify the cut protective layers. Never use a damaged or ripped garment. The protective area must never be altered or repaired in any way.
5. **Criteria for damaged clothing**
Any garment where the cut protection has been damaged or modified can no longer be used! Any items of clothing which are damaged or modified due to other causes must be discarded immediately.
6. **Storage and transport**
The garment should be stored in a dry well ventilated room. Allow to dry thoroughly, avoid excessive folding, store preferably vertically away from UV light and exposure to liquids.
7. **Fitting and Sizing** – To put on and take off the garment always take care, fully open the zip. Only wear garments of a suitable size. Products which are either too loose or too tight will restrict movement and will not provide the optimum level of protection. The size of these garments is marked on a label attached inside and they are available in the following sizes, S, M, L, XL, XXL, 3XL, 4XL. Use of braces is recommended. The leg of the protective boots should be overlapped. However, the clothes should not be too wide, in order to avoid obstructions, for example from getting caught up on branches or bushes.

Size	Waist Size		Leg Length	
	CM	Inch	CM	Inch
230 (S)	75 - 83	29.5 – 32.5	79	31.0
240 (M)	83 - 91	32.5 – 36.0	80	31.5
250 (L)	91 - 99	36.0 – 39.0	81	32.0
260 (XL)	99 - 107	39.0 – 42.0	82	32.5
270 (XXL)	107 - 115	42.0 – 45.0	83	33.0

Please note:
When selecting the correct size of trouser the lower figure is based on the waist being un-stretched whereas the higher figure is based on the waist being fully stretched. Please allow for freedom of movement when selecting the correct trouser size. Trousers should always be worn with a belt or braces ensuring the trousers are worn correctly and not as drop crotch style.

Weights & Sizing
Medium size –approximately 1500 grams. The weight of other styles and sizes varies accordingly.