



*Forestry and Arboriculture Outfitters*



**WE ARE  
SIP PROTECTION**

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@sipprotection*

*#wearesipprotection*





# CONTENT

SIP Protection clothing is carefully engineered to protect the wearer against hazards caused by working with chainsaws. Every chainsaw user will find the right garment according to his needs in our SIP Protection range:

## **INNOVATION** ..... P.6

The perfect balance between weight, strength and resistance resulting in the ultimate comfort for the professional user.

## **PROGRESS** ..... P.12

High-quality range of stretchable and durable chainsaw protective clothing.

## **FLEX** ..... P.19

Stretch chainsaw protective clothing for the price-conscious users.

## **BASEPRO** ..... P.25

A modern collection of basic chainsaw clothing with a refreshing design.

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## **OUTDOOR** ..... P.37

Whatever the elements or your environment throw at you, you will find the right way to protect you against it in the outdoor range. At work or after hours.

SIP Protection is a full service provider, offering head-to-toe solutions. Our footwear, gloves, and accessories are created with the same care as our garments, in function of your needs.

At SIP Protection, you are fully informed about norms and regulations, wash and care instructions and many more in our knowledge center.

## **HEAD TO TOE** ..... P.50

Footwear, hand-, arm- and head protection

## **KNOWLEDGE CENTER** ..... P.78

**R&D, QUALITY AND INNOVATION** .. P.78

**CARE INSTRUCTIONS** ..... P.80

**EUROPEAN STANDARDS** ..... P.83

**QUALITIES & FABRICS** ..... P.82

**SIZE TABLE** ..... P.87

## **SPECIAL APPLICATIONS** ..... P.65

Solutions for specific situations such as chainsaw intervention, brushcutting, hedgetrimming,...

## **ACCESSORIES** ..... P.72

# WE CARE

## *About the environment, the people, the world*

We strive to preserve and improve the global environment through a pro-active environmental policy both in production, as in our products. We believe that being responsible, both socially and environmentally, is good for people and the planet, and essential to the sustainability of our business. Corporate Social Responsibility is a process, not a state. This process is part of our strategic policy and evolves and improves daily.

We systematically take economic, social and environmental interests into consideration in our daily business. We keep in mind the impact of everything we do, in both the short and the long term. This is our idea of corporate social responsibility: in all our actions (large or small) we take to protect our planet and ourselves.

### Small things that make a difference

During the year 2020 we decided not to attach promotional hangtags to our garments anymore. Since most of them are pulled off and thrown away unread anyhow, we manage to reduce resources and waste.

Just with the small plastic connectors, we are this way able to save 150 kg of plastic, or a line of 46 km of little connectors.

### Raw materials

We explicitly ask our suppliers for a declaration, in which they state that their companies know, support and have taken all necessary measures, to insure compliance with their legal obligations to have verified the same with their own European or non-European suppliers.

### Alternative energy

Sioen has installed solar panels wherever feasible at its Belgian and French sites. Approximately 35000 m<sup>2</sup> of solar panels cover around 3.48% of total electricity needs.

### Production

All our garments are hand-made. Manufacturing garments is a labour demanding activity. Sioen employs over 3.500 people in Sioen owned factories across the planet. We have a strict ethical charter regarding the respect for ethical, religious or cultural background of our staff and we strive to offer optimal working conditions.

### Recycling

We are actively trying to follow the latest technologies, possibilities and opportunities concerning recyclable materials.

### Packaging

We are a member of Val-i-Pac, which assures controlled management and the recycling of industrial packing waste. In addition, we ask our suppliers to limit the amount of packing material.

### Transport

In addition to our attention to CO<sub>2</sub> footprint, we consider other extremely important criteria such as service level, reliability and costs. This is one of the criteria for the selection of logistics partners.

### Certificates

As market leader, we want more than high quality products. We also want our production processes to be sustainable.



### We support

We support global and local initiatives, big and small. Every effort strengthens communities and improve lives. We want to make a difference. To be the (social) change.



Reed more about the group's CSR on [www.sioen.com](http://www.sioen.com). In 2017, we published a full study on our carbon footprint.



# INNOVATION

*The perfect balance between weight, strength and resistance resulting in the ultimate comfort for the professional user.*

Our starting point for this range was to create a pair of trousers so light and breathable, you would forget you're wearing a protection layer.

We achieved this objective by combining our **Pezatec** and **Pezaflex** outer fabrics and **Dyneema**® based chainsaw blocking fibers with an innovative design.

We went yet another step further with the introduction of the Innovation **W-AIR** line.

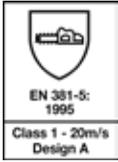
## The W-AIR has 2 versions

The **Forest W-AIR**, developed with and for foresters, and the **Canopy W-AIR**, for arborists. Both styles have received some specific features that render them very appropriate for their type of use, but moreover have 3 major improvements in common:

- The **ventilation** area has been more than doubled;
- The waist and crotch area have been redesigned, to make the trousers your **best fit ever**;
- **They are available in 3 different leg lengths.**

We've also upgraded the design, and added a new colour scheme, with red/hi-vis yellow for FPA certification, and grey/hi-vis orange.





# FOREST W-AIR CHAINSAW TROUSERS, CLASS 1 TYPE A

1SBW / 1SNW

The Forest W-AIR trousers, developed for foresters, unite the key features of the W-AIR styles in the Innovation range being a large ventilation area, a perfect fit thanks to an especially redesigned waist and crotch by introducing fully stretchable **TeXXion (Cordura®)** and 3 available inside leg lengths short, regular (standard inside leg length of 82cm), or tall. Among other features such as a high back bib, a newly developed ruler- and spark plug pocket and waterproof **Pezaflex Aqua (Cordura®)** knees, the Forest W-AIR will always be your perfect companion for groundwork. Especially during warmer weather. Of course, all this is still combined with a very low weight of ~1100g in size M!



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 inset back pocket with flap and closed by zipper
- 1 patched thigh pocket with zip closure
- 1 double pocket with flap and retro-reflective piping for measuring equipment and spark plug combination spanner, reinforced on the inside
- Elasticated waist with loops for belt - buttons for braces
- Bib in back with buttons for braces
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- Waterproof anti-wicking fabric below on top of the protective inlay
- Metal lace hook with elastic to fix on shoe laces
- 6 layer front protective inlay based on Dyneema® yarns

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Short, inside leg 75cm: XS - 3XL  
Regular, inside leg 82cm: XS - 3XL  
Tall, inside leg 88cm: S - 2XL

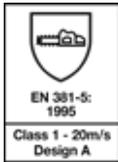
### 1SBW - COLOUR

• 013 Grey/Hi-Vis orange

### 1SNW - COLOUR

• 833 Red/Black





## CANOPY W-AIR CHAINSAW TROUSERS, CLASS 1 TYPE A

1SBC / 1SNC

The Canopy W-AIR trousers, developed for arborists, unite the key features of the W-AIR styles in the Innovation range i.e. a large ventilation area, a perfect fit thanks to the redesigned waist and crotch by introducing fully stretchable **TeXXion**, available in 3 inside leg lengths short, regular (standard inside leg length of 82cm) or tall. Among other features such as integrated gaiters with lace hook and waterproof **Pezaflex Aqua (Cordura®)** knees, the Canopy W-AIR will always be the perfect companion for arborists. Especially during warmer weather... Of course, all this is still combined with a very low weight of ~1100g in size M!



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 inset back pocket with flap and closed by zipper
- 1 patched thigh pocket with zip closure
- 1 patched smartphone pocket with waterproof lining on the right leg with splash proof zip closure
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Nylnet lining for an optimal wearing comfort (100% polyester)
- Waterproof anti-wicking fabric below on top of the protective inlay
- Elasticated gaiter with metal lace hook to fix on shoe laces
- 6 layer front protective inlay based on Dyneema® yarns

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Short, inside leg 75cm: S - M  
Regular, inside leg 82cm: XS - 2XL  
Tall, inside leg 88cm: S - L

### 1SBC - COLOUR

- 013 Grey/Hi-Vis orange

### 1SNC - COLOUR

- 833 Red/Black
- 939 Grey/Red



pezaflex<sup>aqua</sup>

Dyneema<sup>®</sup>



TEXXION

pezatec



## W-AIR WORKING JACKET

1SMW / 1SLW

Being lightweight, highly ventilated and very robust, this working jacket has been developed with the same mindset as the W-AIR trousers in the Innovation range. With its hi-vis orange **Pezatec** fabric and retro-reflective striping you are sure to be seen, which highly increases safety. The waterproof **Tektor** shoulders with a return on the collar assures this jacket a long life while giving you the highest comfort!



### EXTERIOR

- Ergonomic collar
- Front zip closure under flap
- 1 vertical inset pocket with zip closure on the chest
- 2 inset pockets
- 1 patched smartphone pocket with zip closure on the left arm
- Sleeve narrowing system by touch and close fastening
- Elasticated waist
- Back- and underarm ventilation
- Elongated back tail

### INTERIOR

- Nylnet lining for an optimal wearing comfort (100% polyester)
- Sio-Cool® Light comfort cuffs in the sleeves (100% bird-eye polyester ± 120 g/m<sup>2</sup>)
- 1 patched First Aid pocket with zip closure on the left side

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### 1SMW - COLOUR

- 013 Grey/Hi-Vis orange

### 1SLW - COLOUR

- 830 Red/Hi-Vis Yellow/Black

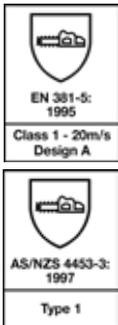


pezatec

pezaflex

TEKTOR





## CHAINSAW TROUSERS, CLASS 1 TYPE A

1SPV

The already well known Innovation trousers are still standing strong as your first step towards a high comfort thanks to its very low weight and ventilation. They are composed of very hard wearing **Pezatec (Cordura®)** and **Pezaflex (Cordura®)** fabrics with **Teflon™** finish and chainsaw protection based on **Dyneema®** yarns and have served as the starting point of our new W-AIR collection within the Innovation range.



### EXTERIOR

- Front fly with zip closure - closing by 2 metal buttons
- 2 inset pockets with splashproof zippers
- 1 ruler pocket
- 1 inset back pocket with splashproof zipper
- 1 patched left thigh pocket with splashproof zipper
- Elasticated waist with loops for belt - buttons for braces
- Bib in back
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- Pezatec fabric below on top of the protective inlay (100% high-tenacity polyamide Cordura®)
- 6 layer front protective inlay based on Dyneema® yarns

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

- 894 Red/Grey
- 939 Grey/Red



pezatec

pezaflex





## CHAINSAW JACKET, EN 381-11 CLASS 1 1SIV

*In terms of ergonomics, weight and durability this chainsaw jacket is unsurpassed. High performance **Pezatec (Cordura®)** and **Pezaflex (Cordura®)** outer fabric with water & soil repellent **Teflon™** finish. The waterproof **Tektor** shoulder reinforcements allow you to carry a chainsaw or logs on your shoulders without tearing the fabric.*

### EXTERIOR

- Ergonomic collar
- Front zip closure under flap
- 2 inset pockets with splashproof zippers
- 1 patched smartphone pocket on the left sleeve with splash-proof zip closure
- Sleeve narrowing system by touch and close fastening
- Elasticated waist
- Back- and underarm ventilation
- Elongated back tail

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- 1 patched First Aid pocket with zip closure on the left side
- 8 layer arm-, shoulder- and chest protection to EN 381-11

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

· 939 Grey/Red



pezatec

pezafleX

TEKTOR



## WORKING JACKET 1SKV

*Very light yet resistant working jacket in a high performance **Pezatec (Cordura®)** and **Pezaflex (Cordura®)** outer fabric. Particularly suitable for heavy forestry work. The comfort cuffs prevent the infiltration of sawdust in the sleeves. The waterproof **Tektor** shoulder reinforcements allow you to carry a chainsaw or logs on your shoulders without tearing the fabric.*

### EXTERIOR

- Ergonomic collar
- Front zip closure under flap
- 2 inset pockets with splashproof zippers
- 1 patched smartphone pocket on the left sleeve with splash-proof zip closure
- Sleeve narrowing system by touch and close fastening
- Elasticated waist
- Back- and underarm ventilation
- Elongated back tail

### INTERIOR

- Sio-Cool® Light comfort cuffs in the sleeves (100% bird-eye polyester ± 120 g/m²)
- 1 patched First Aid pocket with zip closure on the left side

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

· 939 Grey/Red



pezatec

pezafleX

TEKTOR



# PROGRESS

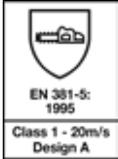
## *High-quality range of stretchable and highly durable chainsaw protective clothing.*

Our Progress range equals durability. Add to this the **TeXXion** stretch fabric and a quality-driven finish and you get a high-end product range for demanding professional users.

**Dyneema**® based chainsaw blocking fibers help reducing the total weight, and the high performing Teflon finish render the **TeXXion** outer shell water and dirt repellent.

## The range consists of 3 different styles

- The **Arborist** developed by and for arborists. Available in 4 colours, anthracite, khaki green, red and HV orange.
- The new **Samurai** trousers with ripstop reinforced full front for the most demanding working conditions. They are available in 3 different colour schemes and a Hi-Vis version.
- The **class 2 1SQT** for a higher level of protection.



## SAMOURAI / SAMOURAI HV

### CHAINSAW TROUSERS, CLASS 1 TYPE A EN 20471 CLASS 2

1SRL / 1SAL

*Strong. Stronger... **Samourai!** The **Samourai HV** trousers combine high visibility in accordance with EN ISO 20471 class 2 with the specific characteristics of the standard **Samourai** trousers - hardwearing. Heavy vegetation of any kind, even high bramble bush, are no match for the **Tektor** reinforcements. Working along or in the vicinity of a road is no longer an issue with these HV trousers. What's more, the trousers have been completely redeveloped to be as comfortable to wear as possible and are available in 3 different leg lengths Short, Regular and Tall. All this to assure you focussing on your work instead of on the environment in which you're working.*



#### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 inset back pocket with flap and closed by zipper
- 1 patched thigh pocket with flap with retro-reflective piping
- 1 double pocket for measuring equipment and spark plug combination spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

#### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- Waterproof anti-wicking fabric below on top of the protective inlay
- Metal lace hook with elastic to fix on shoe laces
- 6 layer front protective inlay based on Dyneema® yarns

#### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

#### 1SRL - SIZES

Short, inside leg 75cm:  
XS - 3XL  
Regular, inside leg 82cm:  
XS - 3XL  
Tall, inside leg 88cm:  
XS - 3XL

#### 1SRL - COLOUR

- 830 Red/Hi-Vis Yellow/Black
- 832 Grey/Hi-Vis Orange/Black
- 831 Khaki Green/Hi-Vis Orange/Black

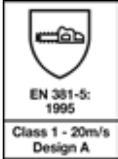
#### 1SAL - SIZES

Short, inside leg 75cm:  
S - 3XL  
Regular, inside leg 82cm:  
XS - 3XL  
Tall, inside leg 88cm: S - 2XL

#### 1SAL - COLOUR

- 183 Hi-Vis Orange/Black





## ARBORIST / TALL FIT ARBORIST CHAINSAW TROUSERS, CLASS 1 TYPE A

1SNA / 1SNB / 1SNS

The Arborist chainsaw trousers combine the key features of the Progress range with several particularities adapted to the needs of arborists: integrated gaiters with a lace hook to fix them and ventilation zippers that don't get in your way when wearing a safety harness. What's more, we were able to reduce the weight by using **Dyneema®** fibres for the protective lining. The very hard wearing **Armortex® Light** (containing **Kevlar®**) knee reinforcements assure an extremely high abrasion and tear resistance.



1SNB  
+ 6cm



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 patched thigh pocket with flap with retro-reflective piping
- 1 patched smartphone pocket with waterproof lining on the right leg with splash proof zip closure
- Ventilation zipper on the back of the legs
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- Waterproof anti-wicking fabric below on top of the protective inlay
- Elasticated gaiter with metal lace hook to fix on shoe laces
- 6 layer front protective inlay based on Dyneema® yarns

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

#### 1SNA - SIZES

XS - XXL

#### 1SNA - COLOUR

- 835 Grey Anthracite/Black
- 833 Red/Black
- 834 Khaki Green/Black

#### 1SNB - SIZES

S - XL

#### 1SNB - COLOUR

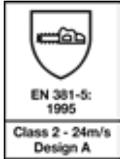
- 835 Grey Anthracite/Black

#### 1SRL - SIZES

Short, inside leg 75cm: XS - 3XL  
Regular, inside leg 82cm: XS - 3XL  
Tall, inside leg 88cm: XS - 3XL

#### 1SRL - COLOUR

- 830 Red/Hi-Vis Yellow/Black
- 832 Grey/Hi-Vis Orange/Black
- 831 Khaki Green/Hi-Vis Orange/Black



## CHAINSAW TROUSERS, CLASS 2 TYPE A

1SQT

*These class 2 Progress chainsaw trousers unite the key features of the Progress range being the highly robust and 4-way stretch **TeXXion** outer fabric and extremely strong reinforcements with a class 2 chainsaw protection.*



### EXTERIOR

- Front fly with zip closure - closing by 2 metal buttons
- 2 inset pockets with zip closure
- 1 double pocket for phone and measuring equipment or chainsaw file reinforced on the inside
- 1 inset back pocket with flap and closed by zipper
- 1 patched thigh pocket with flap
- Elasticated waist with loops for belt - buttons for braces
- Bib in back with buttons for braces
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- Foam in the back bib for an enhanced comfort
- 8 layer front protective inlay

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

- 833 Red/Black





## WORKING JACKET 1SKA

*The 1SKA, the ultimate matching working jacket in the Progress range. In addition to the key features of the range this jacket has received several clever modifications which significantly increase the wearing comfort. With all fabrics being fully stretchable and **Tektor** reinforcements on strategic places it meets the demands of both forestry workers and arborists.*

### EXTERIOR

- Ergonomic collar
- Closure by zip closure and press studs
- 1 vertical inset pocket with zip closure on the chest
- 2 inset pockets with zip closure
- Sleeve narrowing system by touch and close fastening
- Back ventilation and armpit ventilation with zip closure
- Elongated back tail

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- Sio-Cool® Light comfort cuffs in the sleeves (100% bird-eye polyester ± 120 g/m<sup>2</sup>)
- 1 patched First Aid pocket with zip closure on the left side
- Bi-functional 3D spacer under the shoulders and upper part of the back: ventilation during summer, isolation during winter (100% polyester)
- Adjustable waist by elastic and press studs

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

- 907 Red/Hi-Vis Yellow
- 908 Grey/Hi-Vis Orange

## CHAINSAW JACKET, EN 381-11, CLASS 1 + BELLY PROTECTION 1SIA

*This jacket is the ideal 2-in-1 protective solution for arborists working on a servicing platform. It complies to EN 381-11 class 1 and provides additional protection on the abdomen. It can be fitted with a fall arrest harness thanks to the loop openings in the back or in the front at chest height.*

### EXTERIOR

- Ergonomic collar
- Zip closure
- 1 vertical inset pocket with zip closure on the chest
- 2 inset pockets with zip closure
- Sleeve narrowing system by touch and close fastening
- Elasticated waist
- Back ventilation and armpit ventilation with zip closure
- Elongated back tail

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- 8 layer arm, shoulder-and chest protection to EN 381-11 with additional belly protection

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

- 908 Grey/Hi-Vis Orange
- 907 Red/Hi-Vis Yellow





## HI-VIS EN ISO 20471 CLASS 2 CHAINSAW JACKET, EN 381-11 CLASS 1 + BELLY PROTECTION 1SIS

*This jacket is the ideal 2-in-1 protective solution for arborists working on a servicing platform. It complies to EN 381-11 class 1 and Hi-Vis EN ISO 20471 and provides additional protection on the abdomen. It can be fitted with a fall arrest harness thanks to the loop openings in the back or in the front at chest height.*

### EXTERIOR

- Ergonomic collar
- Zip closure
- 1 vertical inset pocket with zip closure on the chest
- 2 inset pockets with zip closure
- Sleeve narrowing system by touch and close fastening
- Elasticated waist
- Back ventilation and armpit ventilation with zip closure
- Elongated back tail
- "fall arrest" harness can be fitted in

### INTERIOR

- Nylnet lining for an optimal wearing comfort (100% polyester)
- 8 layer arm, shoulder-and chest protection to EN 381-11 with additional belly protection

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

• 908 Grey/Hi-Vis Orange







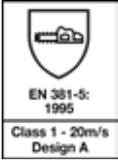
# FLEX

## *Stretch chainsaw protective clothing for the price-conscious user*

This range is offering different styles that have two things in common: flexible materials providing a good comfort at very economic prices without jeopardizing the durability.

You have a choice between different styles and features:

- The **Flex** trousers, perfect for that first good comfort and high durability for a great price ;
- The **ReFlex** trousers, the latest addition to the **Flex** range is the more technical version of the **Flex** trousers. Same durability but with ventilation, zipped pockets, extra pockets, ... ;
- The **Sherpa** style, available with additional calf protection.



## REFLEX CHAINSAW TROUSERS, CLASS 1 TYPE A

1XRP

*Naming these brand new chainsaw trousers the Flex 2.0 chainsaw trousers as in, "a new version of the 1XSP Flex trousers", would have been a serious understatement. So we called them the ReFlex trousers. Because that's exactly what they are, your first stop if you are on the lookout for the robustness and comfort of the 1XSP Flex trousers but with all the extras you would only expect from high-end chainsaw trousers. Ventilation zippers at the back of the legs, zipped pockets, metal lace hooks,...you name it, the ReFlex offers it all at an unbeatable price!*



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 double pocket for measuring equipment and spark plug combination spanner
- 1 patched left thigh pocket with zip closure
- Ventilation zipper on the back of the legs
- Elastic waist with loops for velcro braces (ref. 5SD4)

### INTERIOR

- Metal lace hook with elastic to fix on shoe laces
- Waterproof anti-wicking fabric below on top of the protective inlay
- 6 layer front protective inlay

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 82cm: XS - 3XL

### COLOUR

- 907 Red/Hi-Vis Yellow
- 684 Black/Hi-Vis Yellow





## WORKING JACKET

1XSK

*Matching working jacket with the Flex 1XSP chainsaw trousers. They provide a good visibility thanks to the red and Hi-Vis Yellow surface.*



### EXTERIOR

- Straight collar
- Zip closure
- 2 inset pockets with zip closure
- Sleeve narrowing by press studs
- Back ventilation
- Elongated back tail

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

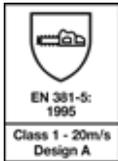
XS - XXXL

### COLOUR

- 907 Red/Hi-Vis Yellow



◀FREEDM2▶



## FLEX CHAINSAW TROUSERS, CLASS 1 TYPE A

1XSP

*These excellently priced chainsaw trousers, now even more comfortable thanks to the use of 6 layer protective inlay, are made of a very robust 2-way stretch and durable **Freedom 2** fabric. For those who are looking for a SIP Protection quality product for a very sharp price. The heavy duty **Hydura** reinforcement on the front assures a high abrasion resistance.*



### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 patched back pocket with flap
- 1 ruler pocket
- Elasticated waist with loops for belt - buttons for braces
- Bib in back with buttons for braces
- Double-needle stitching on the back seam to the inside leg

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer front protective inlay

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

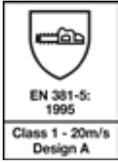
XS - XXXL

### COLOUR

- 907 Red/Hi-Vis Yellow

-FREEDOM 2-





## SHERPA PLUS CHAINSAW TROUSERS, CLASS 1 TYPE A + ADDITIONAL CALF PROTECTION

1XHU

*Limbing a tree is a tricky task which requires skills. The Sherpa Plus trousers with calf protection are made of a 4-way micro rip stretch fabric that is very comfortable to wear. In addition the trousers are remarkably light without being less protective. They don't hamper you in any way so you can move freely while being fully protected. The waterproof **Pezatec Aqua** lower leg reinforcements, the zipped pockets and the anti-wicking system are an extra asset.*



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 ruler pocket
- 1 patched left thigh pocket with zip closure
- Coated and waterproof Pezatec Aqua reinforcement on the front and below on the back of the trousers (100% Cordura® with 100% polyurethane coating ± 200 g/m<sup>2</sup>)
- Elasticated waist with loops for belt - buttons for braces
- Bib in back with buttons for braces

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- Metal lace hook with elastic to fix on shoe laces
- Coated and waterproof anti-wicking reinforcement on top of the protective inlay (100% high tenacity polyamide Cordura® with 100% polyurethane coating)
- 6 layer front protective inlay and additional calf protection

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 82cm: XS - 2XL

### COLOUR

- N15 Black

pezatec aqua



FREEDOM 4





# BASEPRO

*Basic range of modern regular and Hi-vis chainsaw protective clothing.*

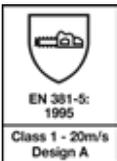
The BasePro range is a **modern collection with a refreshing design.**

This range consists of regular chainsaw protective clothing and a selection of Hi-Vis chainsaw protective clothing.

All models have a polyester / cotton outer fabric.

In this range you will find:

- Regular chainsaw protective clothing in **class 1 type A, but also class 2 and 3**
- Basic **Hi-vis EN ISO 20471** chainsaw protective clothing
- The first **EN ISO 11393 Design B** approved Chaps



## BASEPRO CHAINSAW TROUSERS, CLASS 1 TYPE A 1RP1

*Looking for basic chainsaw protective trousers without the bells, whistles and higher comfort stretch chainsaw trousers can provide? Look no further than our SIP Protection BasePro chainsaw trousers. The outer fabric is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal forestry work. Don't be mistaken however. The BasePro trousers, which are the most economic pair of SIP Protection trousers of our range, still providing the comfort you want, the protection you need and the quality you expect from SIP Protection!*

### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 patched pocket with zipper on the back
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer front protective inlay

### FABRIC

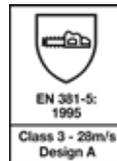
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 82cm:  
XS - 4XL

### COLOUR

· 835 Grey Anthracite/Black



## VENTILATED BASEPRO CHAINSAW TROUSERS, CLASS 3 TYPE A 1RX3

*To offset the higher weight and especially higher heat accumulation that come naturally with higher chainsaw protective trousers, these class 3 BasePro chainsaw trousers are equipped with a large ventilation mesh fabric at the back.*

### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 patched back pocket
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 9 layer protective inlay

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 82cm:  
XS - 2XL

### COLOUR

· 835 Grey Anthracite/Black



## BASEPRO WORKING JACKET 1RK1

*The BasePro working jacket combines functionality with comfort thanks to ergonomic fit. The Hi-Vis orange fabric assures high visibility in every working environment.*

### EXTERIOR

- Short and straight collar
- Zip closure
- 2 inset pockets with zip closure
- Sleeve narrowing by press studs
- Back ventilation
- Elongated back tail

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

· 130 Hi-Vis Orange/Anthracite



## BASEPRO CHAINSAW JACKET, EN 381-11 CLASS 1 1RJ1

*Looking for a basic chainsaw jacket without the bells, whistles and high comfort a stretch chainsaw jacket can provide? Look no further than our SIP Protection BasePro chainsaw jackets. The outer fabric is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal forestry work. Don't be mistaken however. The BasePro chainsaw jackets, which are the most economic pair of SIP Protection jackets of our range, still provide the comfort you want, the protection you need and the quality you expect from SIP Protection.*

### EXTERIOR

- Short and straight collar
- Zip closure
- 2 inset pockets with zip closure
- Sleeve narrowing by press studs
- Back ventilation
- Elongated back tail

### INTERIOR

- 8 layer arm-, shoulder- and chest protection to EN 381-11

### FABRIC

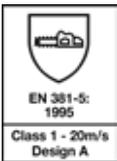
For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXXL

### COLOUR

· 130 Hi-Vis Orange/Anthracite



## BASEPRO CHAINSAW BIB&BRACES, CLASS 1 TYPE A 1RG1

Looking for basic chainsaw protective bib&braces? Look no further than our SIP Protection BasePro product range. The outer fabric is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal forestry work. Don't be mistaken however. The BasePro bib&braces, which are the most economic pair of SIP Protection bib&braces of our range, still provide the comfort you want, the protection you need and the quality you expect from SIP Protection!

### EXTERIOR

- Front fly with zipper
- 2 inset pockets
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Closing right side with zipper and button
- Elasticated backside of the waist
- 2 elasticated adjustable braces with closure by buckles
- Front bib with pocket and vertical zipper on the right hand side
- Triple-needle stitching on the back seam to the inside leg
- Large back bib

### INTERIOR

- 6 layer front protective inlay

### FABRIC

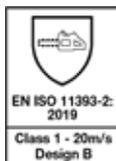
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular: XS - 4XL

### COLOUR

• 178 Anthracite/Black/Hi-Vis Orange



**NEW**

## ROADRUNNER BASE PRO CHAINSAW CHAPS, CLASS 1 TYPE B 1RC1

Because a bit of culture hardly ever did any harm, here's how we got to the name "Roadrunner". Chainsaw protective chaps come in handy where chainsaw trousers fall short for a quick chainsaw job. Their biggest advantage is that you can quickly click and unclick them over regular working trousers or denim if you prefer. Or even on top of your shorts during hot weather. Thanks to the adjustable straps at the back of the legs, 2 sizes (M for all sizes up to XL and L for all sizes from XL upwards) suffice to fit nearly all. The Roadrunner bird, also named "CHAParral bird" is known to be one of the fastest running birds on earth. The Native American tribe "Hopi" believed the "CHAParral bird" protected them against evil spirits. All we know is that they will protect you against nasty cuts. Protection, CHAParral bird, quick...the name Roadrunner was born. BEEP BEEP!

### EXTERIOR

- Loops for belt
- Closing by elasticated belt and buckle

### INTERIOR

- 6 layer front protective inlay

### FABRIC

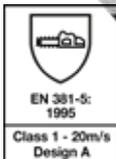
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

M - XL

### COLOUR

• 835 Grey Anthracite/Black



**BASEPRO HV EN ISO 20471 CLASS 2 CHAINSAW TROUSERS, EN 381-5 CLASS 1 TYPE A 1RQ1**

*The outer fabric of the HV BasePro chainsaw trousers is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal forestry work. Don't be mistaken however. The BasePro trousers, the most economic pair of SIP Protection trousers of our range, still provide the comfort you want, the protection you need and the quality you expect from SIP Protection.*

**EXTERIOR**

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 patched pocket with zipper on the back
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

**INTERIOR**

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer front protective inlay

**FABRIC**

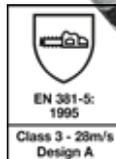
For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

Regular, inside leg 82cm:  
XS - 4XL

**COLOUR**

- 386 Hi-Vis Yellow/Black
- 183 Hi-Vis Orange/Black



**BASEPRO HI VIS EN ISO 20471 CLASS 2 CHAINSAW TROUSERS, CLASS 3 TYPE A 1RQ3**

*The Hi-Vis class 3 BasePro chainsaw trousers have been developed to provide the highest possible frontal chainsaw protection according to standard EN 381-5. The outer fabric is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal forestry work. The BasePro trousers, which are the most economic pair of SIP Protection trousers of our range provide you the protection you need and the quality you expect from SIP Protection.*

**EXTERIOR**

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 patched pocket with zipper on the back
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

**INTERIOR**

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 9 layer protective inlay

**FABRIC**

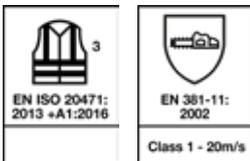
For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

Regular, inside leg 82cm:  
S - 3XL

**COLOUR**

- 386 Hi-Vis Yellow/Black
- 183 Hi-Vis Orange/Black



## BASEPRO HI-VIS EN ISO 20471 CLASS 3 CHAINSAW JACKET, EN 381-11 CLASS 1 1R11

The outer fabric of the BasePro Hi-Vis chainsaw jacket is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal forestry work along the public road. Don't be mistaken. The BasePro chainsaw jackets, the most economic pair of SIP Protection jackets of our range, still provide the comfort you want, the protection you need and the quality you expect from SIP Protection.

### EXTERIOR

- Short and straight collar
- Zip closure
- 2 inset pockets with zip closure
- Sleeve narrowing by press studs
- Back ventilation
- Elongated back tail

### INTERIOR

- 8 layer arm-, shoulder- and chest protection to EN 381-11

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXXL

### COLOUR

- 386 Hi-Vis Yellow/Black
- 183 Hi-Vis Orange/Black



## BASEPRO HI-VIS EN ISO 20471 CLASS 2 CHAINSAW BIB AND BRACE TROUSERS, CLASS 1 TYPE A 1RH1

Looking for basic chainsaw protective Hi-Vis bib&braces? Look no further than our SIP Protection BasePro product range. The outer fabric is composed of a regular polyester cotton fabric, perfectly suitable for temporary or seasonal work with a chainsaw. Don't be mistaken however. The BasePro bib&braces, which are the most economic pair of SIP Protection bib&braces of our range, still provide the comfort you want, the protection you need and the quality you expect from SIP Protection.

### EXTERIOR

- Front fly with zipper
- 2 inset pockets
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Closing right side with zipper and button
- Elasticated backside of the waist
- 2 elasticated adjustable braces with closure by buckles
- Front bib with pocket and vertical zipper on the right hand side
- Triple-needle stitching on the back seam to the inside leg
- Large back bib

### INTERIOR

- 6 layer front protective inlay

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

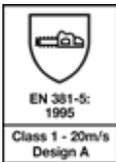
### SIZES

Regular: S - 4XL

### COLOUR

- 386 Hi-Vis Yellow/Black
- 183 Hi-Vis Orange/Black





## HI-VIS EN ISO 20471 CLASS 2 CHAINSAW LEGGINGS, CLASS 1 TYPE A 1ST9

*Traditional Hi-Vis one size fits all chainsaw leggings in accordance with EN ISO 20471 class 2. Closing by means of separate reference leather belt. Very user-friendly thanks to the smoothly running zipper.*

### EXTERIOR

- Zip closure (top to bottom to close) at the back of the legs
- Loops for belt

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer front protective inlay

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

- FC1 Hi-Vis Orange
- FY1 Hi-Vis Yellow

## BROADENERS FOR CHAINSAW LEGGINGS 1ST9 1SX9

*This zip-up leg widener can be zipped in our leggings. It adds an extra 9 cm to the leggings, so they can fit every size. Sheer practicality!*

### EXTERIOR

- Can be zipped in legging 1ST9

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)

### FABRIC

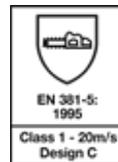
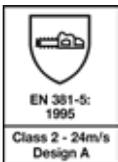
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

- FC1 Hi-Vis Orange



## CHAINSAW TROUSERS, CLASS 2 TYPE A 1SQX

*Traditional class 2 chainsaw trousers with a proven track record. Extremely resistant thanks to the robust PES/COT outer fabric and the classic SIP Protection triple needle stitching in the back seam. The mesh fabric on the back of the legs ensures a good ventilation keeping you comfortable in hot weather.*

### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 back pocket with flap closed by concealed press studs
- 1 ruler pocket
- Elasticated waist with loops for belt - buttons for braces
- Bib in back with buttons for braces
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- 8 layer front protective inlay

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

• 506 Green/Hi-Vis Orange

## CHAINSAW TROUSERS, CLASS 1 TYPE C 1SP6

*Traditional chainsaw trousers offering an all-round protection. Extremely resistant thanks to the robust PES/COT outer fabric and the classic SIP Protection triple needle stitching in the back seam.*

### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- 1 back pocket with flap closed by concealed press studs
- 1 ruler pocket
- Elasticated waist with loops for belt - buttons for braces
- Bib in back with buttons for braces
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer allround protective inlay

### FABRIC

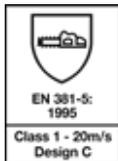
For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

• 503 Green/Orange



## BIB&BRACE WITH ALLROUND PROTECTION, CLASS 1 TYPE C 1SG6

*Tall fit traditional chainsaw bib & brace offering an all-round protection. Resistant thanks to the robust PES/COT outer fabric and the classic SIP Protection triple needle stitching in the back seam. Back bib and front bib which is equipped with a large and functional zip-closure pocket.*

### EXTERIOR

- Front fly with zipper
- 2 inset pockets
- 1 ruler pocket
- Closure at right side of waist by buttons and zip closure
- Elasticated waist
- 2 elasticated adjustable braces with closure by buckles
- Front bib with pocket and vertical zipper on the right hand side
- Large back bib

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer allround protective inlay

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

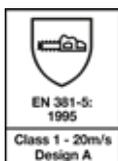
### SIZES

S - XXXXL

### COLOUR

• 503 Green/Orange





## CHAINSAW LEGGINGS, CLASS 1 TYPE A 1XT2

*Best price guarantee chainsaw leggings in our SIP Protection range*

### EXTERIOR

- Zip closure (top to bottom to close) at the back of the legs
- Closing by elasticated belt and buckle
- Possibility to broaden 9cm with broadener 1XX3

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer front protective inlay

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· G75 Green



## WIDENERS FOR CHAINSAW LEGGINGS 1XT2 1XX3

*This zip-up leg widener can be zipped into our leggings 1XT2. It adds an extra 9cm to the leggings, so they can fit every size. Sheer practicality!*

### EXTERIOR

- Zips in legging 1XT2. Widens the legging by 9cm

### FABRIC

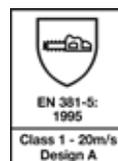
For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· G75 Green



## CHAINSAW COVERALL, CLASS 1 TYPE A 1SC1

*Traditional coverall with a proven track record. Extremely resistant thanks to the robust PES/COT outer fabric and the classic SIP Protection triple needle stitching in the back seam. Cut resistant reinforcements on the upper arms and shoulders for added protection. Optimal breathability thanks to several ventilation rings and gussets.*

### EXTERIOR

- Full front zip closure
- 4 patched pockets (2 on chest and 2 on thighs) with flap and closure by press studs
- 1 double patched pocket for phone and chain file or measuring equipment
- Back ventilation by 2 side gussets + 6 metal ventilation holes
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Polyester - cotton lining (65% Polyester - 35% Cotton 85 g/m<sup>2</sup>)
- 6 layer protective inlay on the legs - protective inlay with cut resistant material on upper part of the arms and shoulders

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXXL

### COLOUR

· 503 Green/Orange





# OUTDOOR

*Be prepared to face the elements when you are handling the chainsaw. Or after hours.*

In the outdoor range you will find:

- 2 styles of softshell jackets; Fuyu 3 ply and Tibet 2 ply version (now also available in black & orange)
- Rain protection, either basic with **Flexothane**® or more technical with our **KEIU** styles composed of breathable **Siopor**® fabrics.
- Our popular **Keiu** waterproof jacket now also available in Hi-vis
- Technical anti-wicking T-shirts, both short and long sleeves, which composes your first layer of protection against heat and perspiration.
- Trousers to have a better experience for:
  - » Treeclimbing with our 1SSP or 1SSV.
  - » Our brand new **GECKO** climbing trousers.
  - » Extremely resistant trousers to ease your passage through thorns like the 1SSR **Tracker**.
- Specific resistance against ticks with the 1SXT **X-Tick**.

## GECKO GECKO CLIMBING TROUSERS

1SS5

*Climb your way up with the new Gecko trousers! The flexible, light and robust fabric has you covered in 3 splendid color combinations. With ventilation mesh around the ankles, the side pockets and on the lower legs, you'll get yourself a refreshing pair of climbing trousers. The **Teflon®** finish insures a water- and soil repellency.*

NEW



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- Loops for belt
- 1 inset thigh pocket with zip closure
- 1 inset back pocket with flap and closed by zipper
- Elasticated waist
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- 1 inset smartphone pocket with zip closure on the right thigh

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 82cm: XS - XL

### COLOUR

- 282 Dragonfly Blue
- 283 Bumblebee Yellow
- 284 Burgundy Red

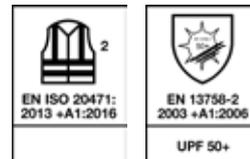


100% PFC FREE

## CLIMBING TROUSERS AND HI-VIS CLIMBING TROUSERS

1SSP / 1SSH

These climbing trousers without chainsaw protection unite the key features of the Progress range. They have proven their value thanks to the 4 way rip stop **TeXXion** outer fabric with **Teflon®** finish, zipped pockets and **Armortex® Light** stretch reinforcements on the knees. 1SSH certified to EN ISO 20471 class 2.



### EXTERIOR

- Front fly with zip closure - closing by 2 metal buttons
- 2 inset pockets with zip closure
- 1 inset thigh pocket with zip closure
- 1 inset back pocket with flap and closed by zipper
- 1 patched smartphone pocket with waterproof lining on the right leg with splash proof zip closure
- Leg narrowing below by touch and close fastening
- Elasticated waist
- Bib in back
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Elasticated gaiter with metal lace hook to fix on shoe laces
- Foam in the back bib for an enhanced comfort

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### 1SSP - SIZES

XS - XXL

### 1SSP - COLOUR

- 835 Grey Anthracite/Black
- 833 Red/Black
- 834 Khaki Green/Black

### 1SSH - SIZES

S - XXXL

### 1SSH - COLOUR

- 183 Hi-Vis Orange/Black



## CLIMBING TROUSERS

1SSV

*Fabulously light climbing trousers. The perfect balance between very light yet robust fabrics that offer an unrivalled flexibility. They are made of a high performance **Pezatec/Pezaflex** outer fabric for an excellent durability. The fabric has a water- & soil repellent **Teflon®** finish. Zippers minimize the infiltration of sawdust on all pockets.*



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- Loops for belt
- 1 inset thigh pocket with zip closure
- 1 inset back pocket with flap and closed by zipper
- Elasticated waist
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- 1 inset smartphone pocket with zip closure on the right thigh
- Elasticated gaiter with metal lace hook to fix on shoe laces

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXL

### COLOUR

· 835 Grey Anthracite/Black



peza**tec**

peza**flex**

## TRACKER OUTDOOR RIPSTOP TROUSERS

1SSR

*Better experience the action wearing the Tracker trousers! They are perfect for all sorts of activities when not handling the chainsaw such as making your way through thorns in the forest or as very heavy duty working trousers. Just not your regular ones...The full ripstop and waterproof **Tektor** reinforcements keep you dry and comfortable and has an extremely high wear and tear resistance everywhere, in every circumstance. The ventilation zippers at the back of the legs allow an air flow when needed and a perfect fitting is assured thanks to a wide variety of available sizes and leg lengths.*



### EXTERIOR

- Front fly with zip closure - closing by hook and eye and press stud
- 2 inset pockets with zip closure
- 1 inset back pocket with flap and closed by zipper
- 1 inset thigh pocket with zip closure
- 1 patched smartphone pocket with waterproof lining on the right leg with splash proof zip closure
- Leg narrowing below by touch and close fastening
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Elasticated gaiter with metal lace hook to fix on shoe laces

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Short, inside leg 78cm: S - XL  
Regular, inside leg 85cm: S - 2XL  
Tall, inside leg 92cm: S - XL

### COLOUR

- 834 Khaki Green/Black
- 835 Grey Anthracite/Black

TEKTOR



VELCRO BRACE





## X-TICK GAITERS

1SXT

The robust X-Tick gaiters are composed of a robust tear resistant fabric containing **Cellsolution®** Protection fibers. The unique properties of these gaiters provide an effective and a durable protection against insects such as ticks that may carry the bacteria known to provoke Lyme disease. Through its unique procedure of manufacturing and thus unique properties of the **Cellsolution®** Protection fibres, the tick killing properties of the permethrin inherent fibre lasts much longer but with low permethine levels than traditional and superficially threated fabrics with permethrin. Additionally, being a textile with a OEKO-TEX® Standard 100 class 1 certificate which approves the handling by toddlers, skin irritation is minimized to a bare minimum or even totally excluded when handling the gaiters.



### EXTERIOR

- Zip closure under flap with touch & close fastening
- Metal cable and single prong closure for firm fixing under safety boots
- Anti-skid elastic and tensioning elastic with stop-cord

### INTERIOR

- Metal hook to fix on shoe laces

### FABRIC

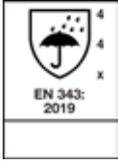
For more product informaton, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

- R26 Red



## KEIU RAIN TROUSERS TO EN 343 CLASS 3 3

1SRR

*If you don't want to soak your trousers in the pouring rain any longer, combine our 1SLR Keiu rain jacket with these 1SRR Keiu rain trousers. Developed for groundwork, this combination will surely keep you dry. The long zip closure along the sides are developed to allow easy donning whenever needed. The breathable and waterproof fabric and ventilation mesh fabric assures great robustness and comfortable working.*



### EXTERIOR

- Closing by elastic and integrated drawstring around the waist

### INTERIOR

- Nylon lining 70 g/m<sup>2</sup>

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

- NS0 Black



## KEIU RAIN JACKET TO EN 343

1SLR

*The Japanese have no less than 50 words to describe rain. Our Keiu rain jacket was named after the first “welcome rain” after a long period of drought. While wearing our new Keiu jacket you will welcome the rain. The jacket is fully waterproof and breathable; this will make the jacket more comfortable to wear without getting too hot while working. Its ergonomic fit is modern and stylish. The fluorescent orange makes sure that you can be seen in daylight as well as night time. In addition the jacket has good styling details, ventilation zippers, a hood that is stored in the collar, deep pockets and an extended back to avoid rain running into the back of your trousers. So welcome rain!*



### EXTERIOR

- Straight collar with drawstring
- Foldaway hood in collar
- Zip closure under double flap with press studs
- 1 vertical inset pocket with zip closure on the chest
- 2 inset pockets with zip closure
- Sleeve narrowing system by touch and close fastening
- Elastic drawstring in hem
- Elongated back tail

### INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)
- 1 large inside pocket with zipper
- Zipper in back lining for applying logo or personalisation

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

XS - XXXL

### COLOUR

- 570 Hi-Vis Orange/Black
- 768 Hi-Vis Yellow/Red

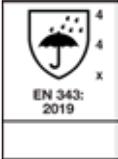




## KEIU HV

### RAIN JACKET HV EN ISO 20471 CLASS 3, EN 343 CLASS 4 4

1SMR



*The Japanese have no less than 50 words to describe rain. Our Keiu HV rain jacket was named after the first welcome rain after a long period of drought. While wearing our new Keiu jacket you will welcome the rain. The jacket is fully waterproof and breathable; this will make the jacket more comfortable to wear without getting too hot while working. Its ergonomic fit is modern and stylish. This jacket is EN ISO 20471 class 2 certified which assures you high visibility in daylight as well as at night. In addition the jacket has good styling details, ventilation zippers, a hood that is stored in the collar, deep pockets and an extended back to avoid rain running into the back of your trousers. So welcome rain!*



**NEW**



#### EXTERIOR

- Straight collar with drawstring
- Foldaway hood in collar
- Zip closure under double flap with press studs
- 1 vertical inset pocket with zip closure on the chest
- 2 inset pockets with zip closure
- Sleeve narrowing system by touch and close fastening
- Elastic drawstring in hem
- Elongated back tail

#### INTERIOR

- 1 large inside pocket with zipper
- Zipper in back lining for applying logo or personalisation

#### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

#### SIZES

XS - XXXL

#### COLOUR

- 570 Hi-Vis Orange/Black



## FUYU SOFTSHELL JACKET

1SWS

Welcome mid-season or cold weather with Fuyu, the Japanese word for “winter”! This collection of highly technical EN ISO 14058 certified softshells with detachable sleeves provide the highest possible comfort, technicity and durability for both foresters and arborists during chilly or cold weather that may come with the additional drizzle or sleet. The waterproof and breathable 3-ply fabric offers the wearer the highest possible comfort. As far as additional features are concerned, the reinforced **Tektor** shoulders provide an extra resistance, the sheer number of pockets assure you will always find the right place to store your precious items. The sleeves can be removed when needed and the back is long enough to allow comfort while working in a harness or during forestry work. OK, that’s a lot of features in just one softshell so you might start wondering: where is the catch? All we can add is that all our testers have been unanimous regarding this jacket: Second to none!

### EXTERIOR

- Ergonomic collar
- Front zip closure under flap
- 2 inset chest pockets
- 2 inset pockets with zip closure
- Sleeve narrowing system by touch and close fastening
- Elongated back tail

### INTERIOR

- 1 patched First Aid pocket with zip closure on the left side

### FABRIC

For more product informaton, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

- 570 Hi-Vis Orange/Black
- 768 Hi-Vis Yellow/Red
- NS0 Black



## TIBET SOFTSHELL JACKET

561A

*Conquer the cold with the Tibet softshell. The stretch and comfortable fleece inner layer will keep you nice and warm. Water absorption is no longer a problem thanks to the water repellent outer softshell fabric. On top of this we've added a nice feature; just whistle when you're in need. These softshells have matching colours with our 4 chainsaw protection ranges: BasePro, Flex, Innovation or Progress.*



### EXTERIOR

- Ergonomic collar
- 2 inset pockets with zip closure
- Sleeve narrowing by touch and close fastening

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

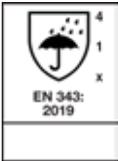
### SIZES

XS - XXL

### COLOUR

- 768 Hi-Vis Yellow/Red
- 570 Hi-Vis Orange/Black





**EN343: 2003+A1:2007 CLASS 3 - 1  
RAIN JACKET  
1SJ3**

*This **Flexothane**® rain jacket offers an excellent protection against rain and wind. Flexible, noiseless and very durable.*

**EXTERIOR**

- Foldaway hood in collar
- Zip closure under flap with press studs
- 1 patched pocket with flap on the front, closing by press studs
- Elongated back tail with rain gutter
- High frequency welded seams

**FABRIC**

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

S - XXXL

**COLOUR**

· 041 Green Khaki/Hi-Vis Orange



**EN343: 2003+A1:2007 CLASS 3 - 1  
RAIN TROUSERS  
1SP4**

*These **Flexothane**® rain trousers offer an excellent protection against rain and wind. They are very flexible, noiseless and very durable.*

**EXTERIOR**

- Closing by elastic and integrated drawstring around the waist
- Zip closure on the outside of the lower leg from knee to bottom of the trousers for easy dress-and undressing

**FABRIC**

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

S - XXL

**COLOUR**

· A41 Green Khaki



## TECHNICAL T-SHIRT SHORT SLEEVES 397A

*This technical T-shirt offers an unsurpassed comfort thanks to its **Sio-Cool® Light** fabric and especially developed fitting. It evacuates transpiration quickly keeping you fresh and dry which is particularly appreciated during work in hot weather conditions. However, also during the wintertime this T-shirts has a very meaningful purpose as a first layer under for example a Keiu rain jacket.*

### EXTERIOR

- Zip closure from the chest up to the neck with anti-irritation flap
- 1 patched chest pocket with zip closure
- No horizontal stitches around the chest

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

- 844 Hi-Vis Yellow/Red
- 914 Hi-Vis Orange/Grey

## TECHNICAL T-SHIRT LONG SLEEVES UPF +50 697A

*This technical T-shirt offers an unsurpassed comfort thanks to its **Sio-Cool® Classic** UPF 50+ certified fabric and especially developed fitting. It evacuates transpiration quickly keeping you fresh and dry which is particularly appreciated during work in hot weather conditions. However, also during the wintertime this T-shirts has a very meaningful purpose as a first layer under for example a Keiu rain jacket.*

### EXTERIOR

- Zip closure from the chest up to the neck with anti-irritation flap
- 1 patched chest pocket with zip closure
- No horizontal stitches around the chest

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

- 914 Hi-Vis Orange/Grey
- 844 Hi-Vis Yellow/Red

# HEAD TO TOE

*At SIP Protection we are committed to dress chainsaw operators from head to toe.*

This includes **footwear, hand-, arm- and head protection.**

## Footwear

Footwear is a complicated and delicate matter. Everybody has different feet and meeting the demand for everybody is a challenge.

Our current selection of chainsaw protective footwear contains following styles :

### Grizzly 2.0

The **Grizzly 2.0** boots are based upon our experience in manufacturing chainsaw protective clothing and the knowhow of the Italians in boot manufacturing. Developed for groundwork

### New Timber

The new **Timber** boots 3XA2 offer excellent value for money for punctual use such as seasonal forestry work.

### Chainsaw Gaiters

For occasional use of the chainsaw, these gaiters provide chainsaw protection when securely fixed on top of EN ISO 20345 safety boots.

### Superforet

The 3SA3 boots were originally designed for arborists that needed flexible chainsaw boots.

### Forestproof

The 100% guaranteed waterproof Forestproof rubber boots provide a class 3 chainsaw protection.

## Gloves and sleeves

Appropriate gloves are an indispensable piece of equipment when working outdoors.

Our working gloves 2XA2 'loggers' and 2XD1 'heavy duty', and our 2 chainsaw gloves 2XD2 'left hand protection' and 2DX3 'both hands protection' are now also available with a bright orange on the back of the hand.

The bright colour adds on the safety and visibility, and will also help you find them back faster when dropped on the ground.

Next to that, we have now also a Class 2 24 m/s glove in our range. As you expect from us, matching safety with a high degree of comfort.

## Head protection

The brain is one of the most important organs in our body and yet it is very vulnerable, with the skull being the only part of the body protecting it. Even a minor impact can have serious consequences.

The ears are amongst the few parts that do not heal. Once it's lost, it's gone forever.

The best way to protect this part of your body, is by wearing proper head protection.



## GRIZZLY 2.0

### CHAINSAW BOOTS TO EN ISO 20345 AND EN ISO 17249 CLASS 2 3SIC

The Grizzly 2.0 boots are based upon our experience in manufacturing chainsaw protective clothing and the knowhow of the Italians in boot manufacturing. Developed for groundwork, they are mainly composed of orange Hypertex and rubber reinforcement to reduce maintenance to a strict minimum and take robustness to the highest achievable level. As far as the sole is concerned, we couldn't have chosen a better brand than **Vibram®**. The long lasting **Vibram® Teton** sole assures you grip on unstable and heavy grounds, wet or dry. A wide panel of testers were unanimous on every level: "these boots are top of the notch"! What else can we say?



#### KEY FEATURES

- All terrain Vibram® Teton sole
- Waterproof leather and rubber reinforcement 2.0mm
- Tepor breathable and waterproof membrane with 10.000mm water column water tightness to ISO 811
- WRU - Water Resistant Upper
- Super Soft Comfort cushioning of the sole
- Orange Hypertex fabric with Putek technology. Extremely robust and rigid fabric which minimizes maintenance to virtually zero
- Easy Roller Lacing System of the front and auto-blocking lace hooks on top of the boot
- Double tongue assuring both a great fit and a increased waterproofness
- Lightweight: 1,3kg size 43 per boot

#### EXTERIOR

- Basic requirements+steel toecap with impact resistance of 200J and compression of 1500 daN (SB)
- Cold insulation sole (CI)
- Heat Insulation (HI)
- Anti-perforation sole (P)
- Waterproof (WR)

#### INTERIOR

- Steel toe cap
- Tepor breathable and waterproof membrane with 10.000mm water column waterproofness to ISO 811
- Memory foam insole
- Kevlar® anti-perforation sole

#### FABRIC

For more product informaton, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

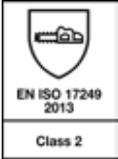
#### SIZES

38 - 48

#### COLOUR

- 713 Orange/Black





## **SUPERFORET** CHAINSAW BOOTS TO EN ISO 20345 AND EN ISO 17249 CLASS 2 3SA3

*The 3SA3 boots were originally designed for arborists that needed very flexible chainsaw boots. It has now become an allround boot that is equipped with a supple sole and shaft and offers a class 2 chainsaw protection.*



### **KEY FEATURES**

- Nubuck leather
- No lace hooks = no rope damage during treeclimbing
- Very supple sole and shaft
- Sewn sole

### **EXTERIOR**

- Slip resistance of the sole (SRA)
- Indented sewn sole
- S3 = SB: Safety footwear with toecap resistant to an energy shock of 200 J and a pressure of 1500 daN, sole resistant to hydrocarbons (FO) + antistatic features (A) + energy absorption of the heel (E) + closed heel side + water resistant upper (WRU) + Kevlar® anti-perforation sole (P) + indented sole
- Cold insulation sole (CI)
- Sole resistant to heat contact (HRO)

### **INTERIOR**

- Steel toe cap
- 1mm / 1,2mm thick leather lining, 1 mm thick velvet and high-tenacity textile
- Metal anti-perforation sole

### **FABRIC**

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### **SIZES**

36 - 47

### **COLOUR**

- ASO Olive Green



## TIMBER 2.0

### CHAINSAW BOOTS TO EN ISO 20345 S3 AND EN ISO 17249 CLASS 2 3XA2

*No special 3D memory foam cushioning insole, no fancy colors, no fancy leather choice... Yes indeed, sometimes the word "basic" just means "appropriate enough for the job ahead". The new Timber boots are just those kind of boots, fine if you do seasonal forestry work. However, this doesn't mean we gave up on durability. An injected sole, S3 mechanical resistance, class 2 chainsaw protection, its all there within reach for a tiny budget.*

**NEW**



#### KEY FEATURES

- Water resistant upper (WRU)
- Rubber reinforcement of the nose
- Flexible
- Chainsaw protection EN ISO 17249 class 2, mechanical protection
- EN ISO 20345 S3 HRO CI WR CR SRA
- Developed for groundwork
- injected sole
- Lightweight: ±1100g per boot in size 42

#### EXTERIOR

- Energy absorption of the heel (E)
- Slip resistance of the sole (SRA)
- Sole resistant to hydrocarbons (FO)
- Injected nitrile rubber indented sole
- S3 = SB: Safety footwear with toecap resistant to an energy shock of 200 J and a pressure of 1500 daN, sole resistant to hydrocarbons (FO) + antistatic features (A) + energy absorption of the heel (E) + closed heel side + water resistant upper (WRU) + Kevlar® anti-perforation sole (P) + indented sole
- Cold insulation sole (CI)
- Sole resistant to heat contact (HRO)
- Heat Insulation (HI)
- Waterproof (WR)

#### INTERIOR

- Steel toe cap
- Kevlar® anti-perforation sole

#### FABRIC

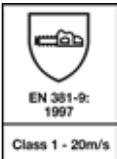
For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

#### SIZES

36 - 48

#### COLOUR

- 720 Black/Orange



## CHAINSAW GAITERS TO EN 381-9 CLASS 1 1SXG

For occasional use of a chainsaw, these gaiters provide chainsaw protection when securely fixed on top of EN ISO 20345 safety boots. Exists in 2 sizes. M which covers 39 to 42 and XL which covers sizes 43 - 46.

### KEY FEATURES

- Suitable for occasional use of the chainsaw (in combination with safety boots)
- 2 size ranges (M 39-42 and XL 43-46)

### EXTERIOR

- 3 adjustable polyprop buckles. 2 at the back of the legs, 1 to fix underneath the safety boots to EN ISO 20345.

### FABRIC

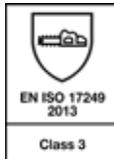
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

M - XL

### COLOUR

• N15 Black



## FORESTPROOF CHAINSAW BOOTS TO EN ISO 17249, CLASS 3 3SC1

The 100% guaranteed waterproof Forestproof rubber boots provide a class 3 chainsaw protection. The excellent sole offers a good grip on muddy terrains and the laces at calf height assure easy donning.

### KEY FEATURES

- Indented sole with high slip resistance on wet forestry undergrounds
- laces at calf height for easy fastening and loosening
- KWF Profi

### EXTERIOR

- Energy absorption of the heel (E)
- Slip resistance of the sole (SRA)
- Injected nitrile rubber indented sole
- Basic requirements+steel toecap with impact resistance of 200J and compression of 1500 daN (SB)
- Anti-perforation sole (P)

### INTERIOR

- Steel toe cap
- Cotton lining

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

37 - 47

### COLOUR

• 720 Black/Orange



**NEW**



**NEW**

## LOGGERS WORKING GLOVES WITH MECHANICAL RESISTANCE TO EN 388:2016 3 2 4 3 2XA2

*These working gloves provide great dexterity and grip whilst handling machines such as chainsaws and brushcutters thanks to their perfect fit and the use of flexible materials. Impact and vibration foams in the palm of the hand enhance comfort even further.*

### KEY FEATURES

- Incorporated rubber reinforcement in the palm of the hand
- Breathable polyamide/spandex insert on top of the hand for better dexterity
- Elastic cuff with touch and close fastener
- Upper in lively colour for better visibility

### EXTERIOR

- Close fitting for a good dexterity
- Rubber impact and vibration absorbing padding in the palm of the hand

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

8 - 12

### COLOUR

- 412 Red/Black
- 570 Hi-Vis Orange/Black

## HEAVY DUTY WORKING GLOVES EN 388:2016 3 2 4 2 2XD1

*Feeding the chipper with thorny branches, hauling wet or dry wood or other heavy forestry tasks, the Heavy Duty working gloves are adapted for any job where robustness is of paramount importance. Note: these gloves are not to be used whilst handling a chainsaw as they are uniquely designed to resist heavy abrasion thanks to the **Kevlar®** reinforcement in the palm of the hand and fingers. The reinforcement is double stitched as well as glued for the highest possible durability.*

### KEY FEATURES

- Very high abrasion-, tear- and puncture resistant reinforcement in the palm and on the fingers
- Elastic cuff with artery protection
- Breathable polyamide/spandex insert on top of the hand for better dexterity
- Elastic cuff with touch and close fastener
- Upper in lively colour for better visibility
- Strong aramid stitching

### FABRIC

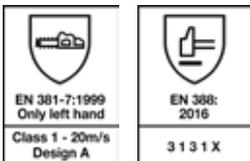
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

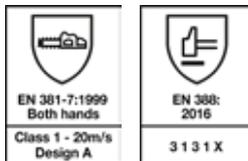
8 - 12

### COLOUR

- 412 Red/Black
- 570 Hi-Vis Orange/Black



**NEW**



**NEW**

## CHAINSAW GLOVES TO EN381-7 CLASS 1 DESIGN A LEFT HAND AND EN388:2016 3 1 3 1 2XD2

*These newly developed left hand protective chainsaw gloves offer great dexterity combined with excellent grip to allow great handling of the chainsaw. The anti-skid waterproof rubber reinforcement assures a high durability and grip of the chainsaw even during the wettest weather circumstances.*

### KEY FEATURES

- Rubber anti-skid reinforcement in the palm and fingers of both hands and synthetic leather reinforcement on top of the hands
- Elastic cuff with artery protection
- Breathable polyamide/spandex insert on top of the hand for better dexterity
- Chainsaw protection on the left hand
- Upper in lively colour for better visibility
- Strong aramid stitching

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

8 - 12

### COLOUR

- 412 Red/Black
- 570 Hi-Vis Orange/Black

## CHAINSAW GLOVES TO EN381-7 CLASS 1 DESIGN A BOTH HANDS AND EN388:2016 3 1 3 1 2XD3

*These newly developed gloves, with chainsaw protection on **both hands**, offer great dexterity combined with excellent grip to allow great handling of the chainsaw. The anti-skid waterproof rubber reinforcement assures a high durability and grip of the chainsaw even during the wettest weather circumstances.*

### KEY FEATURES

- Rubber anti-skid reinforcement in the palm and fingers of both hands and synthetic leather reinforcement on top of the hands
- Elastic cuff with artery protection
- Breathable polyamide/spandex insert on top of the hand for better dexterity
- Chainsaw protection on both hands
- Upper in lively colour for better visibility
- Strong aramid stitching

### FABRIC

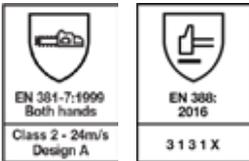
For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

8 - 12

### 2XD3 - COLOUR

- 412 Red/Black
- 713 Orange/Black



**NEW**

## CHAINSAW GLOVES TO EN381-7 CLASS 2 DESIGN A BOTH HANDS AND EN388:2016 3 1 3 1 2XD4

*These newly developed gloves, with chainsaw protection on **both hands**, offer great dexterity combined with excellent grip to allow great handling of the chainsaw. The anti-skid waterproof rubber reinforcement assures a high durability and grip of the chainsaw even during the wettest weather circumstances.*

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

8 - 12

### COLOUR

· 570 Hi-Vis Orange/Black





## ANTI-VIBRATION FORESTRY GLOVES WITH MECHANICAL RESISTANCE EN388 3 1 3 2 2SA3

*Anti-vibration working gloves assembled with para-aramid stitchings that are made of a high-quality leather. They offer a good dexterity when holding the chainsaw. Leather reinforcement on top of the hands for a higher durability.*

### KEY FEATURES

- Hydrophobic
- Reinforced on top of the hand with leather
- Elastic cuff with artery protection
- Vibration absorbing foam in the palm of the hand
- Strong aramid stitching

### INTERIOR

- Impact and/or vibration absorbing foam

### FABRIC

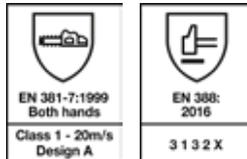
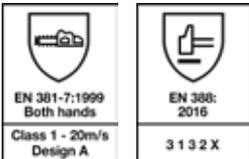
For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

8 - 12

### COLOUR

· G50 Green



## CHAINSAW GLOVES TO EN 381-7 CLASS 1 DESIGN A BOTH HANDS AND EN388 3 1 3 2 2SA4

## CHAINSAW GLOVES TO EN 381-7 CLASS 1 DESIGN A BOTH HANDS AND EN388 3 1 3 2 2SA5

*Hydrophobic gloves assembled with para-aramid stitching that provide chainsaw protection on top of **both hands** and wrists in accordance with EN 381-7 design A. Leather reinforcement on top of the hands for a higher durability.*

*Hydrophobic gloves assembled with para-aramid stitching that provide chainsaw protection on top of **both hands** and wrists in accordance with EN 381-7 design A. Leather reinforcement on top of the hands for a higher durability and rubber antiskid reinforcement in the palm of the hands.*

### KEY FEATURES

- Hydrophobic
- Reinforced on top of the hand with leather
- Chainsaw protection on top of the wrists, sleeve of ± 10cm long
- Chainsaw protection on both hands
- Strong aramid stitching

### KEY FEATURES

- Hydrophobic
- Reinforced with anti-slip rubber in the palm of both hands and on top of the hand with leather
- Elastic cuff with artery protection
- Chainsaw protection on both hands
- Strong aramid stitching

### INTERIOR

- Protective inlay from top of the hand up to the lower part of the forearm

### INTERIOR

- Protective inlay on top of the hand according to EN 381-7 design A

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

8 - 12

### COLOUR

· GS0 Green

8 - 12

### COLOUR

· GS0 Green



## ARBORIST SLEEVES WITH 360° CHAINSAW PROTECTIVE MATERIAL, CE 1SX1

*These chainsaw sleeves are provided with an all-round chainsaw protective inlay 360° around the arm. Elastic wrist and elbow wraps.*

### KEY FEATURES

- 360° protective inlay around the arms
- Elastic around the elbow and around the wrists
- CE PPE category 1

### EXTERIOR

- Tensioning elastic above the elbow

### INTERIOR

- 360° 6-layer protective inlay around the forearm

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

- C82 Orange
- FR1 Hi-Vis Red



## ARBORIST SLEEVES WITH CORD LOCK WITH 360° CHAINSAW PROTECTIVE MATERIAL, CE 1SY1

*These chainsaw sleeves are provided with an all-round chainsaw protective inlay 360° around the arm. They can be fitted around the arm with a tensioning elastic and stop cord above the elbow.*

### KEY FEATURES

- 360° protective inlay around the arms
- Can be fitted around the arm thanks to a tensioning elastic and stop cord behind the elbow
- CE PPE category 1

### EXTERIOR

- can be fitted around the arm thanks to a tensioning elastic and stop cord behind the elbow

### INTERIOR

- 360° 6-layer protective inlay around the forearm

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

L - XL

### COLOUR

- FR1 Hi-Vis Red



## ARBORIST SLEEVES WITH 360° CHAINSAW PROTECTIVE MATERIAL AND UPPER OF THE HAND, CE 1SXA

*These chainsaw sleeves are provided with an all-round chainsaw protective inlay 360° around the arm and on top of **both hands**. The antiskid elastic around the upper arm and the fingerless glove assure a comfortable fit.*

### KEY FEATURES

- Protection on top of the hand
- 360° protective inlay around the arms from above the elbow down to the top of the hand
- Thumb pass
- CE PPE category 1

### EXTERIOR

- Fingerless hand glove fitting

### INTERIOR

- 360° 6-layer protective inlay around the arm and on top of the hand to right over the elbow

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

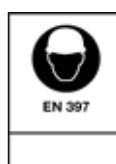
### COLOUR

· 833 Red/Black





EN 352-3



EN 397

**ROCKMAN**  
**FORESTRY HELMET SYSTEM TO**  
**DIN EN 352-3 26DB, EN 1731 AND**  
**EN 397**  
**4SD1**

*Complete forestry kit containing a polyethylene helmet, ear protection 26dB and wire mesh metal visor with great transparency. Lightweight: ±670g.*

**KEY FEATURES**

- Removable and washable hygiene sweat band
- 26dB hearing protection
- Adjustable
- FPA certified

**EXTERIOR**

- Metal visor 30 cm wide, 16 cm high

**FABRIC**

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

UNI

**COLOUR**

· CS0 Orange



## BRUSHCUTTERS SET TO NF EN 352-1 25.5DB AND EN 1731 4SC6

*This basic complete brush cutter set provides hearing protection up to 25,5 dB SNR (H: 30,8dB, M: 22,5dB and L: 14,8dB). Its lightweightness and the metal visor assure comfort and safety. The hearing protection can be adjusted in height.*

### KEY FEATURES

- Metal visor (30 cm wide, 20 cm high)
- Comfortable brush cutting protection
- 25,5dB SNR hearing protection
- Lightweight

### EXTERIOR

- Metal visor 30 cm wide, 20 cm high
- Closure by rack and pinion mechanism

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· YS0 Yellow



## COMPLETE FORESTRY SET NF EN 397 EN 352-1 25DB EN 1731 4SC8

*This basic and lightweight forestry- and brushcutting kit offers a total hearing, facial and head protection all-in-one.*

### KEY FEATURES

- Metal visor (30 cm wide, 16 cm high)
- 25,9dB SNR hearing protection
- Inner harness with 4 anchor points

### EXTERIOR

- Metal visor 30 cm wide, 16 cm high
- Closure by rack and pinion mechanism

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· 700 Yellow/Red





# SPECIAL APPLICATIONS

*Because each specific use or situation requires a specific solution you will find products in this product range developed for **brushcutting protection** and **hedge-trimming**.*

## Brushcutting

Brushcutting garments offer protection against many risks.

They offer impact protection against objects that are thrown by the cutting attachment, and can hit the operator.

They also contain a waterproof fabric at the front for comfortable working with dry legs and in order to greatly improve cleaning efficiency.

We have re-designed all brushcutter styles, using new fabrics and giving them a modern look. Both Greenkeeper and Greenkeeper Flash trousers have additional mesh ventilation on the back of the leg, increasing the comfort whilst at work.

A completely new jacket has also joined the range; **EN ISO 20471 Class 3** HV certified, but also with a smart feature; thanks to the zip closure on the righthand side, the jacket can be worn on top of your harness instead of under the harness, the Hi-Vis feature of your jacket remains completely visible, even when wearing the harness.

## Hedge Trimmer

Hedge trimmers may cause very bad cuts to its operator. The 1STE hedge trimming chaps are your first step towards safer hedge trimming as the fibers inside the chaps resist the first quick impact where regular trousers fail and are immediately punctured or pinched.



**NEW**

## GREENKEEPER BRUSHCUTTER TROUSERS 1RB8

*Lightweight brushcutting trousers with protection against flying debris thanks to the fixed impact resistant padding. Easy to clean thanks to the waterproof and breathable **Siopor**® front reinforcement.*

### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- Loops for belt
- 1 patched pocket with zipper on the back
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4

### INTERIOR

- 3 mm impact absorbing foam from projected debris

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 80cm: S - 3XL

### COLOUR

· 013 Grey/Hi-Vis orange



**NEW**

## GREENCLIPPER BRUSHCUTTER CHAPS 1RBC

*Dilemma: You work with a brushcutter between other jobs during a regular working day. You have to choose between not wearing any proper protection during brushcutting work, wearing just regular working trousers, or wear proper brushcutting trousers but live with the hassle to having to change regularly during the day. By far most choose the first option thus, not being properly protected. Good news, yet another dilemma off the table thanks these new brushcutting chaps. Need to wear them? Just simply click them on. No longer need to wear them, simply click them off. Yes, it's really that easy.*

### EXTERIOR

- Closing by elasticated belt and buckle

### INTERIOR

- 3 mm impact absorbing foam from projected debris

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· 013 Grey/Hi-Vis orange



**NEW**

## GREENKEEPER VENT BRUSCUTTER TROUSERS VENTILATION 1RB4

*Brushcutting trousers with removable impact resistant foam. The waterproof yet breathable front reinforcement fabric avoids water penetration and the backside of the legs is partly made of a mesh fabric which allows ventilation for an increased working comfort.*

### EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- Loops for belt
- 1 patched pocket with zipper on the back
- 1 patched pocket for measuring equipment and fixation of spark plug spanner
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

### INTERIOR

- Removable high-density impact absorbing foam 6mm

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 80cm: S - 3XL · 013 Grey/Hi-Vis orange

### COLOUR



**NEW**

## GREENKEEPER VENT FLASH BRUSCUTTER TROUSERS HV EN ISO 20471 CLASS 2 1RB5

*Hi-vis EN ISO 20471 class 2 brushcutting trousers with removable impact resistant foam. The waterproof yet breathable front fabric avoids water penetration and the back of the legs are partly composed of a mesh fabric for increased ventilation and comfort.*

### EXTERIOR

- Front fly with zipper
- 2 inset pockets
- 1 patched pocket with zipper on the back
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Back bib with loops for braces ref. 5SD4

### INTERIOR

- Removable high-density impact absorbing foam 6mm

### FABRIC

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

Regular, inside leg 80cm: S - 3XL · 183 Hi-Vis Orange/Black  
· 386 Hi-Vis Yellow/Black

### COLOUR



## HANDY FLASH BRUSHCUTTER JACKET HV EN ISO 20471 CLASS 3

1RBK

*The new SIP Protection brushcutting jacket had been in our secret development cupboard for some time. Whenever we were asked for a brushcutting jacket we mostly referred to our wide range of working jackets. However, because most professionals carry a harness to fix the brushcutter on, a regular working jacket quickly falls short in providing optimal working comfort. This jacket offers the solution. Just open the zipper on the right hand side of the jacket and the protector plate will not bother any longer. Of course, because brushcutting work is often executed along the road, this jacket is EN ISO 20471 class 3 certified!*

NEW



### EXTERIOR

- Straight collar
- Full front zip closure
- 1 inset chest pocket with zip closure
- Cuffs at end of sleeves

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XXXL

### COLOUR

- FCS Hi-Vis Orange
- FY1 Hi-Vis Yellow



Zip closure on right hand side of the jacket to enable comfortable use of the brushcutter with a harness





## BRUSHCUTTING LEGGINGS 1ST8

*User-friendly one size fits all brushcutting leggings with protection against flying debris thanks to the fixed impact resistant foam. Easy to clean thanks to the waterproof and breathable **Siopor**® front reinforcement.*

### EXTERIOR

- Zip closure (top to bottom to close) at the back of the legs
- Closing by elasticated belt and buckle

### INTERIOR

- 3 mm impact absorbing foam from projected debris

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· G60 Green



## BRUSHCUTTING APRON 5SA3

*This leather brush cutting apron is perfectly suitable for warm and dry weather conditions.*

### EXTERIOR

- Closure by leather straps and metal single prong

### FABRIC

For more product information, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· WJ0 Beige



## BRUSHCUTTING GAITERS 1SX4

*Gaiters provide adequate protection against flying debris and protect the bottom of the trousers from vegetation close to the ground.*

### EXTERIOR

- Zip closure on the inside of the gaiters
- Metal cable and single prong closure for firm fixing under safety boots

### INTERIOR

- Impact and/or vibration absorbing foam

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· N15 Black



## TIBIA PROTECTORS 5SAL

*Tibia protectors offer a good protection against severe impacts on the tibia and provide additional protection when worn over brushcutting trousers. Spare elastic straps are available ref YD0000010.*

### EXTERIOR

- Closure by rubber straps

### INTERIOR

- Impact and/or vibration absorbing foam

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· YS0 Yellow



## HEDGE TRIMMER CHAPS 1STE

*Hedge trimming leggings with several protection layers that minimize the risk of being injured by a hedge trimmer.*

### EXTERIOR

- Loops for belt
- Closing by elasticated belt and buckle

### INTERIOR

- Cut resistant inlay and removable high-density impact absorbing foam 6mm

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· 503 Green/Orange





# ACCESSORIES

In this range you may find that little accessory you were looking for to make your working life easier. These can be braces with Velcro or our "Sekkos" dry bags which can dry your boots to avoid damp feet in the morning.



## SIP PROTECTION PROMO T-SHIRT 659A

### EXTERIOR

- Round neck
- Round sleeves

### FABRIC

For more product information, visit: [www.sip-protection.com](http://www.sip-protection.com)

### SIZES

S - XL

### COLOUR

- R44 Deep red
- T68 Turquoise



**BANDINO**  
**SIP PROTECTION PROMO BANDINO**  
**/ PER 10 PCS**  
**648A**

**FABRIC**

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

UNI

**COLOUR**

• G93 GREEN



**SIP PROTECTION PROMO HOODIE**  
**SIP PROTECTION PROMO HOODIE**  
**647A**

**FABRIC**

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

S - XL

**COLOUR**

• P27 PINK  
• R48 Burgundy Red





**BRACES FOR TROUSERS WITH LOOPS, 4CM WIDE 5SD4**

4cm wide braces with velcro closing for trousers with loops for braces like the **Samourai 1SRL**, **Arborist 1SNA**, the styles in the **BasePro** range... To find styles with loops for braces, check out the style descriptions.

**FABRIC**

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

100 - 120

**COLOUR**

· 502 Black/White



**BRACES WITH CLIPS, 4CM WIDE 5SD5**

These clip braces are adjustable in height and can be fixed on any pair of trousers.

**EXTERIOR**

- 4 clips
- Adjustable in height via stainless inox clip system

**FABRIC**

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

UNI

**COLOUR**

· 570 Hi-Vis Orange/Black



**BRACES WITH LOOPS 4CM WIDE 5SD6**

These braces with loops are adjustable in height and can be fixed on any trousers of our product range with buttons for braces.

**EXTERIOR**

- 6 loops
- Adjustable in height via stainless inox clip system

**FABRIC**

For more product informaton, visit: [www.sip-protection.com](http://www.sip-protection.com)

**SIZES**

UNI

**COLOUR**

- 502 Black/White
- 570 Hi-Vis Orange/Black
- 387 Hi-Vis Yellow/Black

**ATLAS 90**  
**SIP PROTECTION OUTDOOR BAG**

596A

*Carry your world on your shoulders. With the Atlas 90 outdoor bag, SIP Protection comes to the rescue. Climbing equipment, tools, chainsaw protective clothing ... it all fits into the Atlas 90 outdoor bag.*



**INTERIOR**

- 1 ventilated mesh fabric pocket with horizontal zipper in the flap

**FABRIC**

For more product informaton, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

**COLOUR**

- N15 Black





## LEATHER BELT 5SA7

Very durable high quality belt able to resist high tension. Double prong closing. 2 sizes: 110cm and 125cm

### FABRIC

For more product informaton, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

110 - 125

### COLOUR

· E55 Brown



## SEKKOS MOISTURE ABSORBERS 1SEK

Few things are less annoying then having to put your dry feet in wet boots in the morning when leaving to work. With Sekkos, the simple and effective solution, you no longer have to face that ordeal. How? Simply slide the Sekkos dry bags in your wet boots in the evening and they will be perfectly dry on the inside in the morning. They can absorb up to 40% of humidity in their own weight. Dry the Sekkos during the day and they're good to be re-used in the evening. Try it out!

### FABRIC

For more product informaton, visit:  
[www.sip-protection.com](http://www.sip-protection.com)

### SIZES

UNI

### COLOUR

· NS0 Black

# OFFICIAL OUTLET STORE

WWW.SIP-PROTECTION.COM



FOLLOWING STYLES ARE GOING TO LEAVE  
OUR COLLECTION.  
ASK YOUR DEALER FOR AN EXCLUSIVE OFFER,  
OR CHECK OUR OFFICIAL OUTLET STORE.

1XTG



1SG9



1XIG



1SG2



464A



1STR



1SKZ



1RP3



1SKA



Colour  
930 Green Khaki/Hi-Vis Orange

1ST6



5SA2



1SNW



Colour  
939 Grey/Red

# KNOWLEDGE CENTER

## R&D, QUALITY AND INNOVATION

“Protection through Innovation” is the key philosophy of the Sioen Group, the company behind SIP Protection. This idea is also the driving force behind SIP Protection’s continuing investments in Research and Development.

*Already in 1990, SIP Protection had its **own testing rig** for the development of chainsaw trousers. It helped us to create the first trousers with 6 protective layers on the market.*

Nowadays, we keep on using an updated testing rig for new developments in our quest for newer, safer, lighter and more comfortable blocking materials.

We also perform regular and random safety checks on running productions, in order to assure the high level of security that our customers have come to expect from us.

Research is also of great importance in the search for new fabrics, materials, trims. Depending on the required applications, we perform various tests on the different fabrics in order to find the ones that meet our expectations.



Anno 1990 - in-house test rig



Anno 2003 - in-house test rig



Since 2014 - in-house test rig

**Prior to the launch of any new chainsaw protective product thorough testing is of the utmost importance. The first tests are executed at our own testing rig and are tested again at a later stage by an independent body in order to obtain EN certification.**

For chainsaw protection, have a closer look at the pictures below shot in our in-house test rig.



**Picture 1: before impact**

This image depicts a running chainsaw nearing a test leg.

In real life, when not wearing a pair of chainsaw trousers, a potentially lethal accident is only moments away.

The user is unaware that he or she is in danger.



**Picture 2: impact**

This image depicts the chainsaw actually making contact with the test leg fitted with a protective pair of trousers.

The protective fibers are clearly pulled into the driving sprocket. The chain is visible on the picture, proves the effectiveness of the mechanism from the moment it makes contact.

In real life, at this point in time, the one wearing a pair of protective trousers does not realize what is happening.



**Picture 3: after impact**

The movement of the chain on the blade has been blocked completely after a split second.

In real life, the person wearing a pair of protective trousers only just starts to realize what is happening. After a few seconds the user fully realizes what has happened: without the blocking mechanism, a severe injury would have been unavoidable.

**Chainsaw protection is the main focus of our R&D activities. Of course we do not stop there. A whole serie of tests is executed on a daily basis in order to test the quality of the fabrics we use in our products.**

**For more information, visit [sip-protection.com/knowledge-center](http://sip-protection.com/knowledge-center)**

# CARE INSTRUCTIONS

## Taking care of your protective clothing

The protective system used in SIP Protection clothing is a combination of a number of immobilization and speed reduction principles of the chainsaw.

Because of the unique features of the SIP Protection anti-cut material, we can manufacture products, which comply with the European Standard EN 381, and which are light, comfortable and easy to maintain.

**Maintenance is of utmost importance to make sure that the independent layers within the protective inlay do not stick together, or are damaged in any way, thus decreasing the level of protection.**

Compare it, if you will, to a car. Without occasionally servicing your brakes, you will not be driving safely. Each garment you will get comes with a separate manual about how to properly wash and dry.

Whenever you have a question on the maintenance of your garment, please carefully read the user instructions that are added to every single packaging.



Below you'll find a summary of the meaning of the wash & care symbols. Find the correct washing instructions on the label in your garment.



normal washing at advised temperature



max. at the advised temperature / reduced mechanical action / rinsing at decreasing temperature (cooling down) / reduced spinning



hand wash only / no machine wash / max. 40°C / handle with care



do not wash



do not use chlorine-based bleach



tumble drying / normal cycle



tumble drying / lower cycle



do not tumble dry



all solvents normally used



all solvents except trichlorethylene



only petroleum solvents and R113



limited movements



do not dry clean



high max. 200°C



max. 150°C



low max. 110°C



steam-ironing may be risky



do not iron / no steam treatments

**When to go for new chainsaw protective clothing?** This depends entirely on the frequency of use. When maintained properly the quality of our products assures adequate protection for a maximum amount of time.

The lifetime of your trousers will depend on the intensity of use (are you a daily or occasional user), on the roughness of the environment (thorns,...) and on the style of trousers you have selected.

## What are the main causes of a possible decrease in the level of protection?



### Dirt & grease

Substances such as resin, chainsaw oil, gasoline, ... might potentially soil the protective inlay and might cause the independent protective layers to stick together.



### Heat

Direct contact with a heat source e.g. a hot motor. This can induce a crusting or burning through process damaging the protective inlay and shortening the independent fibres.

Be careful, even if your outer fabric is not visibly damaged by a heat source, the fibres that lie beneath may have suffered from the heat resulting in a reduced level of protection.



### Shrinkage / tumble drying

Shrinkage decreases the level of protection because it might significantly reform the original shape of the protective layer. Tumble drying of chainsaw protective clothing might disturb the shape of the protective inlay lowering efficiency.



### Wrong stitching

Never stitch through the protective inlay (only the outer fabric may be repaired) as this will decrease the immobilization process in case of an accident. Of course, cutting off a piece of the trousers decreases the level of protection.

For more information, visit [sip-protection.com/technical](http://sip-protection.com/technical)

# QUALITIES & FABRICS

*We have always used fabrics and applications of premium quality, and we will continue to do so.*

Because it's part of our commitment towards you, our customer, to always manufacture the best you deserve.

To reduce waste we decided to stop adding hangtags with brand names and short information on our garments.

This doesn't mean the information will no longer be available.

You can visit the Qualities and Fabrics ([sip-protection.com/technical/fabrics](http://sip-protection.com/technical/fabrics)) page and the Products page ([sip-protection.com/products](http://sip-protection.com/products)) on our SIP Protection website and you will find even more information than you could ever find on the hangtags.

Doing this, only by dropping the small plastic connectors, 150 kg of plastic less will be used each year. Or if you want to visualize, that means a line of 46 km of plastic connectors.



## Our own developments

pezatec



pezatec aqua



pezaflex



pezaflex aqua



## Qualities we use



# EUROPEAN STANDARDS

*All SIP Protection products meet the EC stipulations and are certified and marked as doing so. The CE mark indicates the compliance with the fundamental health and safety requirements from the **European Regulation 2016/425**.*

The pictograms which you can find on the inside of your protective clothing, reflect the different levels of protective requirements which have been set in the framework of the European standards. The higher the value for a parameter, the higher the level of protection.

Constant quality control and our personal care for your safety, guarantees that all SIP Protection products are high performance. Unless indicated otherwise, all test have - within the frame of the norm - been carried out after 5 washes at 60°C and line dried 5 times.

## EC- Type Test: CE mark

**CE** The CE mark indicates the compliance with the fundamental health and safety requirements from the European Regulation 2016/425. All SIP Protection products meet the EC stipulations and are certified and marked as doing so.

From 21st April 2018, the PPE Directive 89/686/CEE has been replaced by the new PPE Regulation (EU) 2016/425.

We are regularly contacted by customers and end-users to understand what this means for us, for our products and most importantly, for them.

This document resumes the modifications and the impact of them on the transition from Directive to Regulation.

## Classification of categories

<i>PPE Category</i>	<i>Description</i>	<i>Activity</i>	<i>Example</i>
Category I	PPE « of simple design » (protection against superficial mechanical injury or atmospheric conditions that are not exceptional)	Manufacturers self- declaration – Module A	<ul style="list-style-type: none"> <li>Sleeves</li> <li>Waterproof jacket</li> </ul>
Category II	« intermediate » PPE – neither simple nor complex design (includes risks other than those listed in categories I and III)	EU Type Examination – Module B	<ul style="list-style-type: none"> <li>Schock absorbing helmet</li> <li>EN 388 – mechanical resistance of gloves</li> </ul>
Category III	« complex » PPE (PPE protecting against mortal danger or dangers that may seriously and irreversibly harm the health of the user)	<p><b>Module C2 (old 11A)</b> Quality Assurance Procedures on the product– EC-Type Examination</p> <p><b>Module D (old 11B)</b> Quality Assurance Procedures on the Production, with surveillance</p> <p><b>We have chosen Module D procedure</b></p>	<ul style="list-style-type: none"> <li>Chainsaw Protective Trousers</li> <li>Chainsaw Protective Jacket</li> <li>Chainsaw Protective Gloves and Boots</li> <li>EN 381 Earprotection</li> </ul>

On 20th May 2020, the European Commission published a List of new Harmonized Standards. Amongst them was a new Chainsaw Standard **EN ISO 11393** (part 1 to 6).

Below you will find a comparison on the main topics or changes

## Protective Clothing for Users of Hand-held Chainsaws



### EN381

4 classes that correspond to the chain speed with which the tests have been done

- Class 0 : 16 m/s
- Class 1 : 20 m/s
- Class 2 : 24 m/s
- Class 3 : 28 m/s

#### EN 381-5:1995

Requirements for leg protectors



#### DESIGN A

Design A or front protection covers each leg partly (180°) and 5 cm to the interior part of the right leg and to the exterior of the left leg.



#### DESIGN B

Design B is identical to Design A but has an extra 5 cm of protection to the interior part of the left leg.



#### DESIGN C

Design C covers each leg all around (360°) protection.



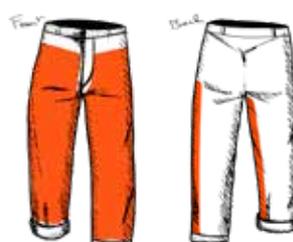
### EN ISO 11393

4 classes that correspond to the chain speed with which the tests have been done

- Class 0 : 16 m/s
- Class 1 : 20 m/s
- Class 2 : 24 m/s
- Class 3 : 28 m/s

#### EN ISO 11393-2:2019

Performance requirements and test methods for leg protectors



#### DESIGN A

NO MAJOR CHANGES IN PROTECTIVE AREA



#### DESIGN B - NEW

Design B is now the description of an entirely new style; the Chainsaw Protective Chaps

The formerly known Design B surface of protective area disappears.



#### DESIGN C

NO MAJOR CHANGES IN PROTECTIVE AREA

### EN 381-7:1999

Requirements for chainsaw protective gloves



#### DESIGN A

For gloves describes a protection surface on the back of the hand. The protective surface must be minimum 110 mm wide and minimum 120 mm high at the highest point (without the fingers)

**NO MAJOR CHANGES  
IN PROTECTIVE AREA**

### EN ISO 11393-4:2019

Requirements for chainsaw protective gloves



#### DESIGN B

For gloves describes a protection on the back of the hand and 4 fingers. The protective surface must be minimum 110 mm wide and minimum 190 mm high from the base to the highest point

### EN 381-9:1997

Requirements for chainsaw protective gaiters



To be worn on top of safety boots certified EN ISO 20345.

Class 0, 1, 2 and 3.

### EN ISO 11393-5:2019

Requirements for chainsaw protective gaiters

**NEW**



To be worn on top of well defined safety boots certified EN ISO 20345.

Class 1, 2 and 3.

**Class 0 no longer allowed**

### EN 381-11:2002

Requirements for upper part of the body



There is just one design for the conception of chainsaw jackets in order to be conform to the standard.



It was tolerated to add protective material in order to increase the protective area, as long as this meets the same specs and protection as the mandatory surface



### EN ISO 11393-6:2019

Requirements for upper part of the body



#### DESIGN A

Takes over the obligations from EN 381-11.

**NO MAJOR CHANGES  
IN PROTECTIVE AREA**



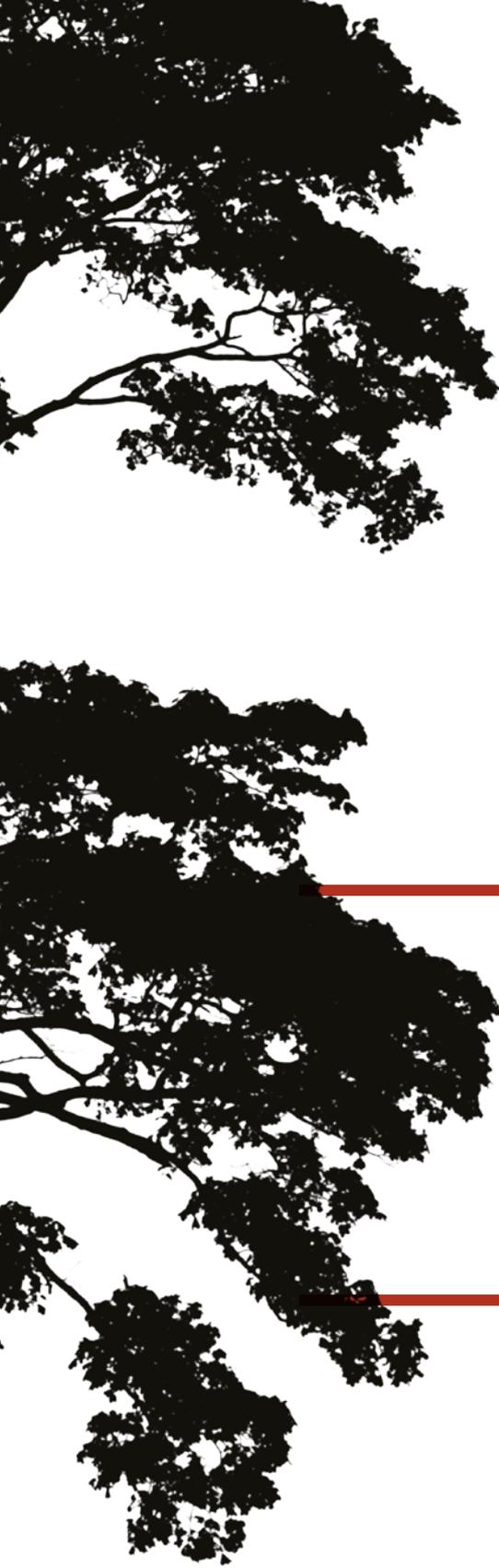
#### DESIGN B - **NEW**

Specifically describes the requirements for a full front protective jacket

In order to allow the Notified Bodies and Test Labs, the manufacturers, dealers, and all other concerned parties in the market to comply with the new requirements, a transition period has been scheduled

- Until 19th Nov 2021, products can be certified to both Standards EN 381 or EN ISO 11393
- New certifications, from 19th Nov on, must be EN ISO 11393. New productions conform to EN 381 are still allowed, if the certificate is still valid
- EN 381 certified products can still be sold beyond that date, if they are produced before the validity date of the certificate

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# SIZE TABLE

## Trousers, bib&brace, coverall

		XS	S	M	L	XL	XXL	XXXL	XXXXL
EN ISO 13688 2013 in cm	1/2 waist circumference (commercial size)	33-37	37-41	41-45	45-49	49-53	53-58,5	58,5-64,5	64,5-70,5
	waist circumference	66-74	74-82	82-90	90-98	98-106	106-117	117-129	129-141

		XS	S	M	L	XL	XXL	XXXL	XXXXL
EN ISO 13688 2013 in inches	1/2 waist circumference (commercial size)	12,9-14,5	14,5-16,1	16,1-17,7	17,7-19,2	19,2-20,8	20,8-23	23-25,3	25,3-27,7
	waist circumference	25,9-29,1	29,1-32,2	32,2-35,4	35,4-38,5	38,5-41,7	41,7-46	46-50,7	50,7-55,5

(!) leg length may vary per model, leg lengths of each model can be found in the overview tables at the beginning of each range

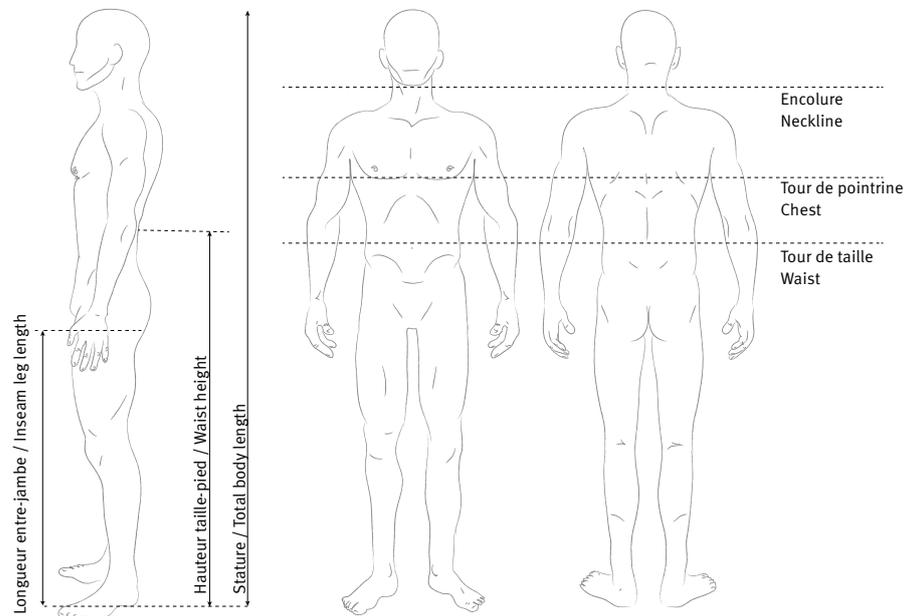
## Jackets and t-shirts

		XS	S	M	L	XL	XXL	XXXL	XXXXL
EN ISO 13688 2013 in cm	1/2 chest circumference (commercial size)	39-43	43-47	47-51	51-55	55-59	59-64,5	64,5-70,5	70,5-76,5
	chest circumference in cm	78-86	86-94	94-102	102-110	110-118	118-129	129-141	141-153

		XS	S	M	L	XL	XXL	XXXL	XXXXL
EN ISO 13688 2013 in inches	1/2 chest circumference (commercial size)	15,3-16,9	16,9-18,5	18,5-20	20-21,6	21,6-23,2	23,2-25,3	25,3-27,7	27,7-30,1
	chest circumference	30,7-33,8	33,8-37	37-40,1	40,1-43,3	43,3-46,4	46,4-50,7	50,7-55,5	55,5-60,2

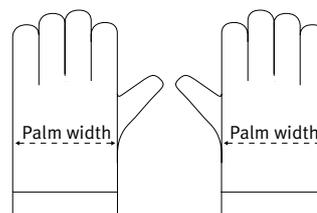
## Rubber boots and leather boots

EU	UK
36	3,5
37	4,5
38	5
39	5,5 - 6
40	6,5
41	7 - 7,5
42	8
43	8,5 - 9
44	9,5
45	10 - 10,5
46	11
47	11,5 - 12
48	12,5
49	13 - 13,5
50	14



## GLOVES

8	palm width 8cm (measured under the fingers)
9	palm width 9cm (measured under the fingers)
10	palm width 10cm (measured under the fingers)
11	palm width 11cm (measured under the fingers)
12	palm width 12cm (measured under the fingers)



# NOTES

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A series of horizontal dashed lines for writing notes.

## Colofon

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# INDEX

1RB4.... <b>Greenkeeper Vent</b> .....	Page 67	1SNA.... <b>Arborist</b> .....	Page 14	1XSP .... <b>Flex</b> .....	Page 22
1RB5.... <b>Greenkeeper Vent Flash</b> ....	Page 67	1SNB.... <b>Tall Fit Arborist</b> .....	Page 14	1XT2.....	Page 35
1RB8.... <b>Greenkeeper</b> .....	Page 66	1SNC.... <b>Canopy W-AIR</b> .....	Page 8	1XX3.....	Page 35
1RBC.... <b>Greenclipper</b> .....	Page 66	1SNS.....	Page 14	2SA3.....	Page 58
1RBK.... <b>Handy Flash</b> .....	Page 68	1SNW... <b>Forest W-AIR</b> .....	Page 7	2SA4.....	Page 59
1RC1.... <b>Roadrunner</b> .....	Page 28	1SP4.....	Page 48	2SA5.....	Page 59
1RG1.....	Page 28	1SP6.....	Page 33	2XA2.....	Page 55
1RH1.....	Page 30	1SPV.....	Page 10	2XD1.....	Page 55
1RI1.....	Page 30	1SQT.....	Page 15	2XD2.....	Page 56
1RJ1.....	Page 27	1SQX.....	Page 33	2XD3.....	Page 56
1RK1.....	Page 27	1SRL .... <b>Samurai</b> .....	Page 13	2XD4.....	Page 57
1RP1.....	Page 26	1SRR .... <b>Keiu</b> .....	Page 43	397A.....	Page 49
1RQ1.....	Page 29	1SS5.... <b>Gecko</b> .....	Page 38	3SA3.... <b>Superforet</b> .....	Page 52
1RQ3.....	Page 29	1SSH.....	Page 39	3SC1.... <b>Forestproof</b> .....	Page 54
1RX3.....	Page 26	1SSP.....	Page 39	3SIC.... <b>Grizzly 2.0</b> .....	Page 51
1SAL .... <b>Samurai HV</b> .....	Page 13	1SSR .... <b>Tracker</b> .....	Page 41	3XA2.... <b>Timber 2.0</b> .....	Page 53
1SBC.... <b>Canopy W-AIR</b> .....	Page 8	1SSV.....	Page 40	4SC6.....	Page 63
1SBW ... <b>Forest W-AIR</b> .....	Page 7	1ST8.....	Page 69	4SC8.....	Page 63
1SC1.....	Page 35	1ST9.....	Page 32	4SD1.... <b>Rockman</b> .....	Page 62
1SEK .... <b>Sekkos</b> .....	Page 76	1STE.....	Page 71	561A.... <b>Tibet</b> .....	Page 47
1SG6.....	Page 34	1SWS ... <b>Fuyu</b> .....	Page 46	596A.... <b>Atlas 90</b> .....	Page 75
1SIA.....	Page 16	1SX1.....	Page 60	5SA3.....	Page 69
1SIS.....	Page 17	1SX4.....	Page 70	5SA7.....	Page 76
1SIV.....	Page 11	1SX9.....	Page 32	5SAL.....	Page 70
1SJ3.....	Page 48	1SXA.....	Page 61	5SD4.....	Page 74
1SKA.....	Page 16	1SXG.....	Page 54	5SD5.....	Page 74
1SKV.....	Page 11	1SXT .... <b>X-Tick</b> .....	Page 42	5SD6.....	Page 74
1SLR .... <b>Keiu</b> .....	Page 44	1SY1.....	Page 60	647A.... <b>Promo Hoodie</b> .....	Page 73
1SLW.... <b>W-AIR</b> .....	Page 9	1XHU.... <b>Sherpa Plus</b> .....	Page 23	648A.... <b>Bandino</b> .....	Page 73
1SMR ... <b>Keiu HV</b> .....	Page 45	1XRP .... <b>ReFlex</b> .....	Page 20	659A.....	Page 72
1SMW .. <b>W-AIR</b> .....	Page 9	1XSK.....	Page 21	697A.....	Page 49



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