



Forestry and Arboriculture Outfitters - 2019

“

SIP Protection is a brand from people for people. All our garments are carefully designed for and tested by the wearers in the field. For over 25 years SIP Protection has been dressing chainsaw users in their various working conditions. We have provided them with over 1 million trousers. Engineered, manufactured, worn and approved by experts for experts.

”

That's our strength!

- *Paul Verhelst,*
Business Development Manager SIP Protection

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:

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

PROGRESS P.25

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

FLEX P.41

Stretch chainsaw protective clothing for the price-conscious users.

BASEPRO P.53

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

OUTDOOR P.73

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.

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Footwear, hand-, arm- and head protection

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

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

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WE ARE SIP PROTECTION

*Passion is what drives us.
You, the wearer and we, designers,
technicians and manufacturers.*





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: the set of all actions (large and small) we take to protect our planet and ourselves.

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 m² 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 our proper 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 CO₂ 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.



Read more about the group's CSR on www.sioen.com. In 2017, we published a full study on our carbon footprint.

NEW PRODUCTS

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1RQ3 BASEPRO HV
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1SRZ TRACKER DEFENSE
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596A ATLAS 90
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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.



INNOVATION PRODUCT RANGE



1SBW	1SNW	1SBC	1SNC	1SPV
<i>Forest W-AIR</i>	<i>Forest W-AIR</i>	<i>Canopy W-AIR</i>	<i>Canopy W-AIR</i>	
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Standards

Chainsaw protection EN 381-5	class 1 - 20m/s	class 1 - 20m/s	class 1 - 20m/s	class 1 - 20m/s	class 1 - 20m/s
Type	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)
EN ISO 13688 : 2013, CE	•	•	•	•	-

Features

Teflon™ Fabric Protector	•	•	•	•	•
Pezatec - Pezaflex	•	•	•	•	•
Stretch TeXXion insert upper front	•	•	•	•	-
Waterproof Pezaflex Aqua knees	•	•	•	•	-
Large ventilation ~18 cm high	•	•	•	•	-
Retro-reflective tape	•	•	•	•	-
File/ruler pocket, spark plug key pocket	•	•	-	-	-
Integrated gaiters	-	-	•	•	-
Ventilation ~7 cm high	-	-	-	-	•

Fabrics

Pezatec 100% Cordura® ± 150g/m² (or hi-vis 100% polyester ± 200g/m²)	• / HV	•	• / HV	•	•
Pezaflex (94% Cordura® - 6% elasthane ± 200g/m²)	•	•	•	•	•
Pezaflex Aqua (94% Cordura® - 6% elasthane with PU coating ± 250g/m²)	•	•	•	•	-
TeXXion 86% Cordura® - 14% elasthane ± 240g/m² (or HV 89% polyester - 11% elasthane ± 250g/m²)	HV	•	HV	•	-
Mesh (40% polyamide - 60% recycled PET ± 230g/m²)	•	•	•	•	•

Wear and tear

Abrasion resistance	•••••	•••••	•••••	•••••	•••••
Tear resistance (bramble bush,...)	•••••	•••••	•••••	•••••	•••••

Use

Groundwork	•	•			•
Treecare			•	•	•

Available colours

Colour codes	013 Grey/Hi-Vis orange	833 Red/Black	013 Hi-vis orange/black	833 Red/Black	894 Red/Black
		939 Grey/Red		939 Grey/Red	939 Grey/Red

Available sizes

Leg lengths

Short, inseam leg length 75 cm	XS - 3XL	XS - 3XL	XS - XL	XS - L	-
Regular, inseam leg length 82 cm	XS - 3XL	XS - 3XL	XS - 2XL	XS - 2XL	XS - 3XL
Tall, inseam leg length 88 cm	XS - 3XL	XS - 3XL	S - XL	XS - XL	-



1SMW	1SLW	1SKV	1SIV
W-AIR	W-AIR		
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Standards

Chainsaw protection EN 381-11	-	-	-	class 1 - 20m/s
EN ISO 13688:2013	-	-	-	•

Features

Teflon™ Fabric Protector	•	•	•	•
Pezatec - Pezaflex	•	•	•	•
Waterproof Tektor reinforcements shoulders	•	•	•	•
Ventilation	•	•	•	•
Windcuffs	•	•	•	-
Retro-reflective tape	•	-	-	-

Fabrics

Pezatec 100% Cordura® ± 150g/m² (or hi-vis 100% polyester ± 200g/m²)	• / HV	• / HV	•	•
Pezaflex (94% Cordura® - 6% elastane ± 200g/m²)	•	•	•	•
Tektor (68%polyester - 32% polyamide with PU coating ± 345g/m²)	•	•	•	•

Wear and tear

Abrasion resistance	•••••	•••••	•••••	•••••
Tear resistance (bramble bush,...)	•••••	•••••	•••••	•••••

Use

Groundwork	•	•	•	•
Treecare	•	•	•	•

Available colours

Colour codes	013 Hi-vis orange/ Black	830 Red/Hi-vis Yellow	939 Black/Red	939 Black/Red
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Available sizes

	S - 3XL	S - 3XL	XS - 3XL	XS - 3XL
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W-AIR WORKING JACKET

1SMW

*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 all whilst giving you the highest comfort!*



Waterproof Tektor reinforcement on the shoulders and on the collar



Sio-Cool® Light comfort cuffs in the sleeves (100% bird-eye polyester ± 120 g/m²)



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

- Nylinet lining for an optimal wearing comfort (100% polyester)
- 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

Go to <http://sio.to/sipen1smw> for more information. See page 11 for general fabric information.

SIZES

S - XXXL

COLOUR

- 013 Grey/Hi-Vis orange

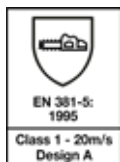


peza**tec**

peza**flex**

TEKTOR





FOREST W-AIR CHAINSAW TROUSERS, CLASS 1 TYPE A

1SBW

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!



Full stretch TeXXion HV upper with water- and dirt repellent Teflon™ finish



Waterproof Pezaflex Aqua on the knees



Mesh ventilation



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

- Nylnet 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

Go to <http://sio.to/sipen1sbw> for more information. See page 10 for general fabric information.

SIZES

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

COLOUR

- 013 Grey/Hi-Vis orange

pezaflex aqua

Dyneema
With you when it matters



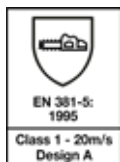
TEXXION

pezatec

pezaflex







FOREST W-AIR CHAINSAW TROUSERS, CLASS 1 TYPE A

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 or 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!



Full stretch TeXXion (Cordura®) upper with water-and dirt repellent Teflon™ finish



1 double pocket with flap and retro-reflective piping for measuring equipment and spark plug combination spanner, reinforced on the inside



Waterproof Pezaflex Aqua on the knees



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

- Nylnet 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

Go to <http://sio.to/sipen1snw> for more information. See page 10 for general fabric information.

SIZES

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

COLOUR

- 833 Red/Black
- 939 Grey/Red

pezaflex^{aqua}

Dyneema®



TEXXION

pezatec pezaflex





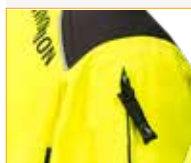
W-AIR WORKING JACKET

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 the combination of hi-vis yellow **Pezatec HV** and red **Pezatec (Cordura®)** fabric, 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 all whilst giving you the highest comfort!*



Waterproof Tektor reinforcement on the shoulders and on the collar



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



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

- 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

Go to <http://sio.to/sipen1slw> for more information. See page 11 for general fabric information.

SIZES

S - XXXL

COLOUR

- 830 Red/Hi-Vis Yellow/Black

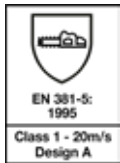


pezatec

pezaflex

TEKTOR





CANOPY W-AIR CHAINSAW TROUSERS, CLASS 1 TYPE A

1SBC

*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 an especially redesigned waist and crotch by introducing fully stretchable **TeXXion**, 3 available 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!*

Full stretch TeXXion HV upper with water-and dirt repellent Teflon™ finish



Waterproof Pezaflex Aqua on the knees



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

- 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

Go to <http://sio.to/sipen1sbc> for more information. See page 10 for general fabric information.

SIZES

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

COLOUR

- 013 Grey/Hi-Vis orange

Integrated gaiters with boot lace hook to avoid sawdust in your boots



pezaflex aqua

Dyneema®
with you when it matters

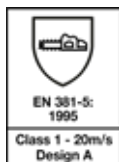


TEXXION

pezatec

pezaflex



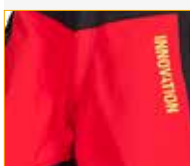


CANOPY W-AIR CHAINSAW TROUSERS, CLASS 1 TYPE A

1SNC

The Canopy W-AIR trousers, developed for arborists, 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 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!

Full stretch TeXXion (Cordura®) upper with water-and dirt repellent Teflon™ finish



Waterproof Pezaflex Aqua on the knees



Mesh ventilation



Elasticated gaiter with metal lace hook to fix on shoe laces



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

- 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

Go to <http://sio.to/sipen1snc> for more information. See page 10 for general fabric information.

SIZES

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

COLOUR

- 833 Red/Black
- 939 Grey/Red



pezaflex aqua

Dyneema®
with you when it matters



TEXXION

pezatec

pezaflex





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.

Underarm- and back ventilation



Waterproof Tektor reinforcements on the shoulders



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

Go to <http://sio.to/sipen1skv> for more information. See page 11 for general fabric information.

SIZES

XS - XXXL

COLOUR

- 939 Grey/Red

Sio-Cool® Light comfort cuffs in the sleeves (100% bird-eye polyester ± 120 g/m²)



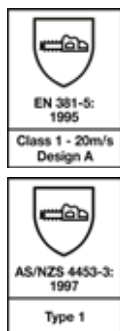
1 patched smartphone pocket on the left sleeve with splash-proof zip closure



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.



Mesh ventilation



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

Go to <http://sio.to/sipen1spv> for more information. See page 10 for general fabric information.

SIZES

XS - XXXL

COLOUR

- 894 Red/Grey
- 939 Grey/Red





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.*

Waterproof Tektor reinforcements on the shoulders



1 patched smartphone pocket on the left sleeve with splash-proof zip closure



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

- NylNet 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

Go to <http://sio.to/sipen1siv> for more information. See page 11 for general fabric information.

SIZES

S - XXXL

COLOUR

- 939 Grey/Red

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

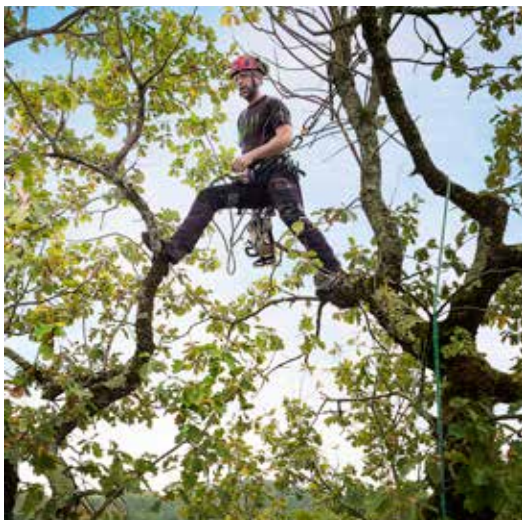


pezatec

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 4 different styles

- The **Arborist** developed by and for arborists. From now on also available in a third colour scheme in khaki green!
- The new **Samourai** trousers with ripstop reinforced full front for the most demanding working conditions. They are available in 3 different colour schemes.
- The **class 2 1SQT** for a higher level of protection.
- The **EN ISO 20471** Hi-vis 1SNS for optimum visibility.

PROGRESS PRODUCT RANGE



	1SRL <i>Samourai</i>	1SQT	1SNA <i>Arborist</i>	1SNB <i>Tall fit Arborist</i>	1SNS	1SAL <i>Samourai HV</i>	1SSH
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Standards

Chainsaw protection EN 381-5	class 1, 20m/s	class 2, 24m/s	class 1, 20m/s	class 1, 20m/s	class 1, 20m/s	class 1, 20m/s	-
Type	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)	-
EN ISO 20471:2013 - class 2	-	-	-	-	•	•	•
EN ISO 13688, CE	•	-	-	-	•	•	•
EN 340, CE	-	•	•	•	-	-	-
EN 13578-2:2003+A1:2006 / UPF 50+	-	-	-	-	•	•	•

Features

Teflon™ Fabric Protector	•	•	•	•	•	•	•
4-way stretch TeXXion	•	•	•	•	•	•	•
Waterproof Tektor knee reinforcement	•	-	-	-	-	-	-
Full front Tektor reinforcement and calves at the back	•	-	-	-	-	•	-
Full stretch Armortex® Light knee reinforcements	-	•	•	•	•	•	•
Ruler-, file- and spark plug key pocket	•	•	-	-	•	•	-
Integrated gaiters	-	-	•	•	-	-	•

Fabrics

TeXXion 86% Cordura® - 14% elastane ± 240g/m² (or Hi-vis 89% polyester - 11% elastane ± 250g/m²)	•	•	•	•	HV	HV	HV
Armortex® Light (30,7% para-aramide - 60,6% polyamide - 6,5% elastane - 2,2% PU ± 340g/m²)	-	•	•	•	•	-	•
Tektor (68% polyester - 32% polyamide with PU coating ± 345g/m²)	•	-	-	-	-	•	-

Wear and tear

Abrasion resistance	••••	••••	••••	••••	••••	••••	••••
Tear resistance (bramble bush,...)	••••	••••	••••	••••	••••	••••	••••

Use

Groundwork	•	•	-	-	•	•	-
Treework	-	-	•	•	-	-	•

Available colours

Colour codes	830 Red/Hi-vis yellow/Black	833 Red/Black	833 Red/Black	835 Grey/Black	183 Hi-Vis orange/Black	183 Hi-Vis orange/Black	183 Hi-Vis orange/Black
	832 Grey/Hi-vis orange/Black		835 Grey/Black				
	831 Khaki green/Hi-vis orange/black		834 Khaki green/Black				

Available sizes

Leg lengths							
Short, inseam leg 75cm	XS - 3XL	-	-	-	S - 3XL	S-3XL	-
Regular, inseam leg 82cm	XS - 3XL	XS - 3XL	XS -3XL	-	S - 3XL	S-3XL	-
Tall, inseam leg 88cm	XS - 3XL	-	-	S- XL	S - 3XL	S-2XL	-
Adapted leg length for climbing trousers, 85cm	-	-	-	-	-		XS - 3XL



	1SKZ	1SKA	1SIA	1SIS
	Page 35	Page 36	Page 37	Page 38

Standards

Chainsaw protection EN 381-11	-	-	class 1, 20m/s	class 1, 20m/s
EN ISO 20471:2013, class 2	•	-	-	•
EN 13578-2:2003 +A1:2006 / UPF 50+	•	-	•	•
EN ISO 13688, CE	•	-	-	•
EN 340, CE	-	-	•	•

Features

TeXXion	•	•	•	•
Teflon™ Fabric Protector	•	•	•	•
Elbow and shoulder reinforcements	•	•	•	•
Ventilation	•	•	•	•

Fabrics

TeXXion 86% Cordura® - 14% elasthane ± 240g/m² (or HV 89% polyester - 11% elasthane ± 250g/m²)	HV	HV	• / HV	• / HV
Tektor (68% polyester - 32% polyamide with PU coating ± 345g/m²)	-	•	•	•
Pezaflex Aqua (94% Cordura - 6% elasthane with PU coating ± 250g/m²)	•	-	-	-

Use

Groundwork	•	•	•	•
Treework	•	•	•	•

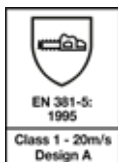
Available colours

Colour codes	181 Hi-vis orange/ Hi-vis yellow	907 Red/ Hi-vis yellow	907 Red/ Hi-vis yellow	908 Grey/ Hi-vis orange
		908 Grey / Hi-vis orange	908 Grey/ Hi-vis orange	
		930 Khaki/ Hi-vis orange		

Available sizes

	S - 3XL	S - 3XL	S - 3XL	S - 3XL
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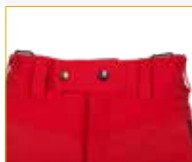
SAMOURAI CHAINSAW TROUSERS, CLASS 1 TYPE A

1SRL

*Strong. Stronger... **Samurai!** The **Samurai** trousers are all about toughness. Heavy vegetation of any kind, even high bramble bush, are no match for the **Tektor** reinforcements. Like a second highly protective skin, it has been especially conceived for the most demanding working conditions, in which an extremely strong pair of trousers is necessary in order to work comfortably. What's more, the trousers have been completely developed to be as ergonomic 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.*



Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)



Anatomically pre-formed and waterproof Tektor RIPSTOP knee reinforcements with extremely high abrasion-and tear resistance



1 patched thigh pocket with flap with retro-reflective piping



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

Go to <http://sio.to/sipen1srl> for more information. See page 26 for general fabric information.

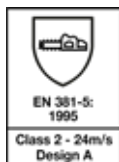
SIZES

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

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/m²)
- Foam in the back bib for an enhanced comfort
- 8 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1sqt> for more information. See page 26 for general fabric information.

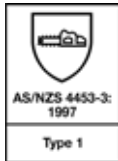
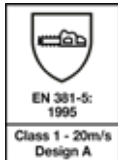
SIZES

XS - XXXL

COLOUR

- 833 Red/Black





ARBORIST CHAINSAW TROUSERS, CLASS 1 TYPE A

1SNA

TALL FIT ARBORIST CHAINSAW TROUSERS, CLASS 1 TYPE A

1SNB

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

See page 26 for general fabric information.

1SNA - SIZES

XS - XXL

1SNB - SIZES

S - XL

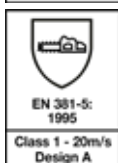
1SNA - COLOUR

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

1SNB - COLOUR

- 835 Grey Anthracite/Black





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

1SNS

*High visibility. An essential feature when you are working along or in the vicinity of a road. The 1SNS combines high visibility in accordance with EN ISO 20471 class 2 with the specific characteristics of the Progress range: comfort and durability. Wearing comfortable clothing increases your well-being and your productivity. That's why we used the qualities of the Progress range (**Armortex® Light**, **TeXXion**, **Teflon™**...) for this pair of hi-vis trousers.*



Bi-functional 3D spacer (100% polyester) at the back of the trousers: ventilation during summer, isolation during winter



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 with flap and retro-reflective piping for measuring equipment and spark plug combination spanner, reinforced on the inside
- Ventilation zipper on the back of the legs
- 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

- Nylnet 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
- Bi-functional 3D spacer (100% polyester) at the back of the trousers: ventilation during summer, isolation during winter

FABRIC

Go to <http://sio.to/sipen1sns> for more information. See page 26 for general fabric information.

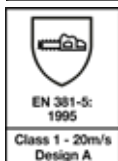
SIZES

Short, inside leg 77cm: S - 2XL
Regular, inside leg 82cm: S - 3XL
Tall, inside leg 88cm: S - 2XL

COLOUR

- 183 Hi-Vis Orange/Black





SAMOURAI HV CHAINSAW TROUSERS, CLASS 1 TYPE A EN 20471 CLASS 2

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
- 5 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1sal> for more information.
See page 26 for general fabric information.

SIZES

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

COLOUR

- 183 Hi-Vis Orange/Black



HI-VIS EN ISO 20471 CLASS 2 CLIMBING TROUSERS 1SSH

*These EN ISO 20471 class 2 climbing trousers without chainsaw protection unite the key features of the Progress range. Thanks to the 4 way rip stop **TeXXion** outer fabric free movement is guaranteed and the durable **Teflon™** finish is water- dirt and oil repellent. Zipped pockets and **Armortex® Light** stretch reinforcements on the knees.*

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
- 1 ruler pocket with flap closed by concealed press studs
- Leg narrowing below by touch and close fastening
- Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)
- Bib in back with buttons for braces
- 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

Go to <http://sio.to/sipen1ssh> for more information.
See page 26 for general fabric information.

SIZES

S - XXXL

COLOUR

- 183 Hi-Vis Orange/Black





HI-VIS EN ISO 20471 CLASS 2 WORKING JACKET 1SKZ

This EN ISO 20471 class 2 working jacket matches both our 1SNS Progress hi-vis chainsaw trousers and the 1SSH Progress climbing trousers and is made of the same heavy duty water repellent rip stop fabrics. The black waterproof reinforcements on strategic areas assures an even higher comfort and durability.

EXTERIOR

- Ergonomic collar
- Full front zip closure
- 2 inset pockets with zip closure
- 1 patched smartphone pocket on the left sleeve with splash-proof zip closure
- Elasticated waist
- Back- and underarm ventilation
- Bi-stretch waterproof Pezaflex Aqua reinforcements with retro-reflective piping on the shoulders and bi-stretch waterproof Pezaflex reinforcements on the elbows (96% high tenacity polyamide Cordura® and 4% elasthane with polyurethane coating)
- Elongated back tail

INTERIOR

- Fixed polyamide lining
- 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

Go to <http://sio.to/sipen1skz> for more information.
See page 27 for general fabric information.

SIZES

S - XXXL

COLOUR

- 181 Hi-Vis Orange/Hi-Vis Yellow



pezaflex^{aqua}





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/m²)
- 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

Go to <http://sio.to/sipen1ska> for more information. See page 27 for general fabric information.

SIZES

S - XXXL

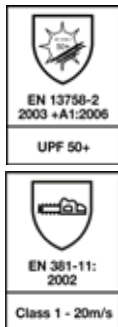
COLOUR

- 907 Red/Hi-Vis Yellow
- 908 Grey/Hi-Vis Orange
- 930 Green Khaki/Hi-Vis Orange



TEKTOR





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

Go to <http://sio.to/sipen1sia> for more information. See page 27 for general fabric information.

SIZES

S - XXXL

COLOUR

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



TEKTOR





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.



"fall arrest"
harness can be
fitted in



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

- 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

Go to <http://sio.to/sipen1sis> for more information.
See page 27 for general fabric information.

SIZES

S - XXXL

COLOUR

- 908 Grey/Hi-Vis Orange



TEKTOR









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 on 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, more pockets, ... ;
- The ***Sherpa*** style, also available with additional calf protection.

FLEX PRODUCT RANGE



1XRP

Re-Flex

Page 45

1XSP

Flex

Page 47

1XHP

Sherpa

Page 49

1XHU

Sherpa Plus

Page 51

Standards

Chainsaw protection to EN 381-5	Class 1 - 20m/s	Class 1 - 20m/s	Class 1 - 20m/s	Class 1 - 20m/s
Type	Type A (front)	Type A (front)	Type A (front)	Type A (front)
EN ISO 13688: 2013	•	•	•	•

Features

Teflon™ Fabric Protector	-	-	•	•
Freedom 4 fabric	-	-	•	•
Freedom 2 fabric	•	•	-	-
Additional calf chainsaw reinforcement	-	-	-	•
Waterproof reinforcements	•	•	•	•
Ventilation zippers	•	-	-	-
Zipped pockets	•	-	•	•
Shoe hook	•	-	•	•

Fabrics

Freedom 4 (water- and dirt repellent micro-rip 92% polyamide - 8% Spandex® ± 155g/m²)	-	-	•	•
Freedom 2 (93% polyamide - 7% elasthane ± 240g/m²)	•	•	-	-
Pezatec Aqua (100% Cordura® with PU coating ± 200g/m²)	-	-	•	•
Hydura (100% polyamide with PU coating ± 255g/m²)	•	•	-	-

Wear and tear

Abrasion resistance	•••••	•••••	•••••	•••••
Tear resistance (bramble bush, ...)	•••••	•••••	•••••	•••••

Use

Groundwork	•	•	•	•
Treework	•	•	•	•

Colours

Colour code	684 Black/Hi-Vis Yellow	907 Red/Hi-Vis Yellow	N15 Black	N15 Black
	907 Red/Hi-Vis Yellow		R16 Red	

Sizes and leg lengths

Size	XS - 3XL	XS - 3XL	XS - 2XL	XS - 3XL
Inseam leg length	82 cm	82 cm	82 cm	82 cm


1XSI
1XSK
1XHK
Page 44
Page 46
Page 48

Standards

Chainsaw protection to EN 381-11	Class 1 - 20m/s	-	-
EN ISO 13688: 2013	•	-	-

Features

Teflon™ Fabric Protector	-	-	•
Freedom 4 fabric	-	-	•
Freedom 2 fabric	•	•	-
Waterproof reinforcements	-	-	•

Fabrics

Freedom 4 (water- and dirt repellent microrip 92% polyamide - 8% Spandex® ± 155g/m²)	-	-	•
Freedom 2 (93% polyamide - 7% elasthane ± 240g/m²)	•	•	-
Pezatec Aqua (100% Cordura® with PU coating ± 200g/m²)	-	-	•
67% Polyester - 33% cotton ± 250g/m²	-	•	-

Wear and tear

Abrasion resistance	•••••	•••••	•••••
Tear resistance (bramble bush,...)	•••••	•••••	•••••

Use

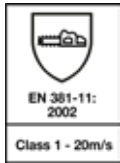
Groundwork	•	•	•
Treework	•	•	•

Colours

Colour code	907 Red/ Hi-Vis Yellow	907 Red/ Hi-Vis Yellow	980 Black/ Royal blue
			907 Red/ Hi-Vis Yellow

Available sizes

	XS-3XL	XS - 3XL	XS - 3XL
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CHAINSAW JACKET, EN 381-11 CLASS 1

1XSI

The ReFlex jacket can rely on the high quality and good name of SIP Protection and this for an unbeatable price. It is made of a stretch fabric that is resistant and very comfortable to wear together with e.g. the 1XSP Flex, 1XRP ReFlex chainsaw trousers or any red pair of trousers in our range.

Back ventilation



2 inset pocket with zip closure



EXTERIOR

- Ergonomic collar
- Full front zip closure
- 2 inset pocket with zip closure
- Sleeve narrowing by press studs
- Back ventilation
- Elongated back tail

INTERIOR

- Nylnet lining for an optimal wearing comfort (100% polyester)

FABRIC

Go to <http://sio.to/sipen1xsi> for more information. See page 43 for general fabric information.

SIZES

S - XXXL

COLOUR

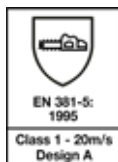
- 907 Red/Hi-Vis Yellow

Zippered pockets



Elongated back tail





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 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

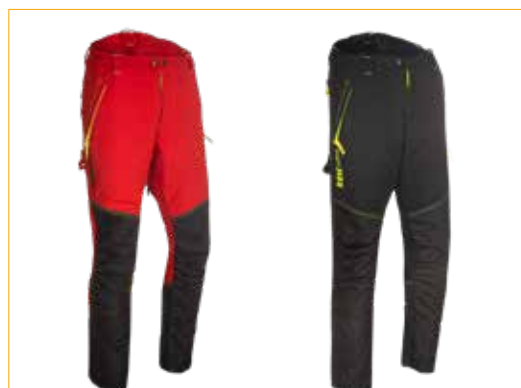
Go to <http://sio.to/sipen1xrp> for more information. See page 42 for general fabric information.

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

- Zip closure
- 1 patched pocket with flap on the front
- Sleeve narrowing by press studs
- Back ventilation
- Elongated back tail

INTERIOR

- Nylnet lining for an optimal wearing comfort (100% polyester)

FABRIC

Go to <http://sio.to/sipen1xsk> for more information.
See page 43 for general fabric information.

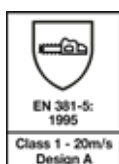
SIZES

XS - XXXL

COLOUR

- 907 Red/Hi-Vis Yellow





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/m²)
- 6 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1xsp> for more information.
See page 42 for general fabric information.

SIZES

XS - XXXL

COLOUR

- 907 Red/Hi-Vis Yellow





SHERPA WORKING JACKET 1XHK

The KWF standard certified (red and Hi-Vis Yellow version) Sherpa jacket can rely on the high quality and good name of SIP Protection and this for an unbeatable price. It is made of a 4-way stretch micro rip fabric that is resistant and very comfortable to wear. The waterproof **Pezatec Aqua** shoulder reinforcements are extra assets.

EXTERIOR

- Ergonomic collar
- Full front zip closure
- 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
- Waterproof Pezatec reinforcements with retro-reflective piping on the shoulders (100% high tenacity polyamide Cordura® with polyurethane coating ± 200m2)
- Elongated back tail

INTERIOR

- Nylinet lining for an optimal wearing comfort (100% polyester)

FABRIC

Go to <http://sio.to/sipen1xhk> for more information.
See page 43 for general fabric information.

SIZES

XS - XXXL

COLOUR

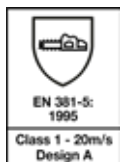
- 907 Red/Hi-Vis Yellow
- 980 Black/Royal Blue



pezatec aqua



FREEDOM 4



SHERPA CHAINSAW TROUSERS, CLASS 1 TYPE A

1XHP

*The Sherpa trousers can rely on the high quality and good name of SIP Protection and this for an unbeatable price. They are made of a 4-way micro rip stretch fabric that is resistant and 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 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 $\pm 200 \text{ g/m}^2$)
- 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/m²)
- 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

FABRIC

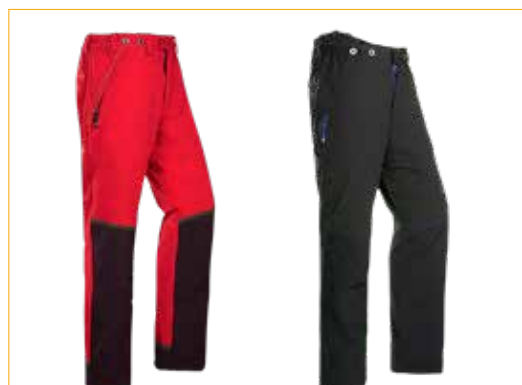
Go to <http://sio.to/sipen1xhp> for more information. See page 42 for general fabric information.

SIZES

S - XXXL

COLOUR

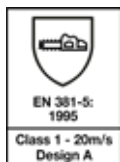
- R16 Red
- N15 Black



pezatec aqua







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 $\pm 200 \text{ g/m}^2$)
- 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/m²)
- 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

Go to <http://sio.to/sipen1xhu> for more information. See page 42 for general fabric information.

SIZES

Regular, inside leg 82cm: XS - 2XL

COLOUR

- N15 Black

pezatec aqua







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 a complete range 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

BASEPRO PRODUCT RANGE



BasePro Essentials						HV Chainsaw clothing				
1RP1	1RK1	1RJ1	1RG1	1RP3	1RX3	1RI1	1RQ1	1RH1	1RQ3	1ST9
Page 57	Page 58	Page 58	Page 59	Page 60	Page 61	Page 62	Page 63	Page 64	Page 66	Page 67

Standards

Chainsaw protection EN 381-5:1995	class 1, 20m/s		class 1, 20m/s	class 1, 20m/s	class 3, 28m/s	class 3, 28m/s	class 1, 20m/s	class 1, 20m/s	class 1, 20m/s	class 3, 28m/s	class 1, 20m/s
Type	Type A (front)		Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)	Type A (front)
HV EN ISO 20471:2013	-	-	-	-	-	-	class 3	class 2	class 2	class 2	class 2
EN ISO 13688: 2013 CE	•	-	•	•	•	•	•	•	•	•	•

Fabrics

65% polyester - 35% cotton ±245g/m²	-	-	-	-	-	-	-	-	-	-	-
65% polyester - 35% cotton ±210g/m²	•	•	•	•	•	•	•	•	•	•	-
67% polyester - 33% cotton ±250g/m²	-	-	-	-	-	-	-	-	-	-	•
80% polyester - 20% cotton ±200g/m²	-	-	-	-	-	-	•	•	•	•	-

Durability

Abrasion resistant	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••
Thorn resistant	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••	•••••

Use

Forestry	•	•	•	•	•	•	•	•	•	•	•
----------	---	---	---	---	---	---	---	---	---	---	---

Colours

Colour codes	835 Grey/ Black	130 HV Orange/ Grey	130 HV Orange/ Grey	178 Grey/ Black/ HV Orange	835 Grey/ Black	835 Grey/ Black	183 HV Orange/ Black	183 HV Orange/ Black	183 HV Orange/ Black	183 HV Orange/ Black	FC1 HV Orange
							386 HV Yellow/ Black	386 HV Yellow/ Black	386 HV Yellow/ Black	386 HV Yellow/ Black	FY1 HV Yellow

Size

Inner leg length (cm)	82 cm			82 cm	82 cm	82 cm		82 cm	82 cm	82 cm	78 cm
Size table	XS - 4XL	S - 3XL	S - 4XL	XS - 4XL	XS - 2XL	XS - 2XL	S - 4XL	XS - 4XL	S - 4XL	S - 3XL	Uni



Class 2, 24m/s	Type C, 360°					
1SQX	1SP6	1ST6	1SG6	1XT2	1SC1	
Page 68	Page 68	Page 69	Page 69	Page 70	Page 71	

Standards

Chainsaw protection EN 381-5:1995	class 2, 24m/s	class 1, 20m/s	class 1, 20m/s	class 1, 20m/s	class 1, 20m/s	class 1, 20m/s
Type	Type A (front)	Type C (360°)	Type B	Type C (360°)	Type A (front)	Type A (front)
HV EN ISO 20471:2013	-	class 2	-	-	-	-
EN ISO 13688: 2013 CE	•	•		•	•	•

Fabrics

65% polyester - 35% cotton ±245g/m²	•	•	•	•	•	•
65% polyester - 35% cotton ±210g/m²	-	-	-	-	-	-
67% polyester - 33% cotton ±250g/m²	-	-	-	-	-	-
80% polyester - 20% cotton ±200g/m²	-	-	-	-	-	-

Durability

Abrasion resistant	•••••	•••••	•••••	•••••	•••••	•••••
Thorn resistant	•••••	•••••	•••••	•••••	•••••	•••••

Use

Forestry	•	•	•	•	•	•
----------	---	---	---	---	---	---

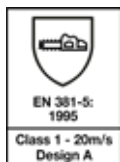
Colours

Colour codes	506 Green/ HV Orange	503 Green/ Orange	503 Green/ Orange	503 Green/ Orange	G75 Green	503 Green/ Orange

Size

Inner leg length (cm)	86 cm	80,5/82 cm	78 cm	84 cm	80 cm	84 cm
Size table	S - 3XL	XS - 3XL	Uni	S - 4XL	Uni	XS - 4XL



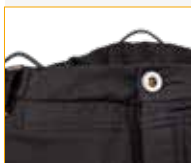


BASEPRO CHAINSAW TROUSERS, CLASS 1 TYPE A

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!

Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)



1 patched pocket for measuring equipment and fixation of spark plug spanner



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/m²)
- 6 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1rp1> for more information. See page 54 for general fabric information.

SIZES

Regular, inside leg 82cm: XS - 4XL

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

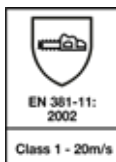
Go to <http://sio.to/sipen1rk1> for more information.
See page 54 for general fabric information.

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

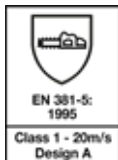
Go to <http://sio.to/sipen1rj1> for more information.
See page 54 for general fabric information.

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!

2 elasticated adjustable braces with closure by buckles



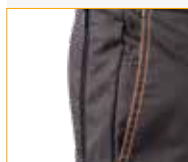
Elasticated backside of the waist



1 patched pocket for measuring equipment and fixation of spark plug spanner



Closing right side with zipper and button



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

Go to <http://sio.to/sipen1rg1> for more information. See page 54 for general fabric information.

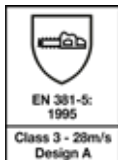
SIZES

Regular: XS - 4XL

COLOUR

- 178 Anthracite/Black/Hi-Vis Orange



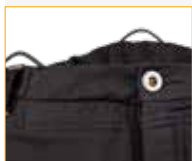


BASEPRO CHAINSAW TROUSERS, CLASS 3 TYPE A

1RP3

The 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 work with a chainsaw.

Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)



1 patched pocket for measuring equipment and fixation of spark plug spanner



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/m²)
- 9 layer protective inlay

FABRIC

Go to <http://sio.to/sipen1rp3> for more information. See page 54 for general fabric information.

SIZES

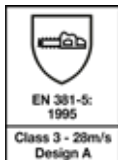
Regular, inside leg 82cm: XS - 2XL

COLOUR

- 835 Grey Anthracite/Black

Class 3 chainsaw protection 28m/s





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.

Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)



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/m²)
- 9 layer protective inlay

FABRIC

Go to <http://sio.to/sipen1rx3> for more information. See page 54 for general fabric information.

SIZES

Regular, inside leg 82cm: XS - 2XL

COLOUR

- 835 Grey Anthracite/Black

Large ventilation mesh on the back of the legs (100% polyester 140 g/m²)





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. 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.

Short and straight collar



Sleeve narrowing by press studs



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

Go to <http://sio.to/sipen1r11> for more information. See page 54 for general fabric information.

SIZES

S - XXXXL

COLOUR

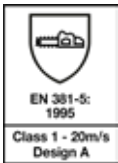
- 386 Hi-Vis Yellow/Black
- 183 Hi-Vis Orange/Black

2 inset pockets with zip closure



CE





BASEPRO HV EN ISO 20471 CLASS 2 CHAINSAW TROUSERS, EN 381-11 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, which are 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.

Elasticated waist with loops for belt and loops for velcro braces (ref. 5SD4)



1 patched pocket with zipper on the back



1 patched pocket for measuring equipment and fixation of spark plug spanner



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/m²)
- 6 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1rq1> for more information. See page 54 for general fabric information.

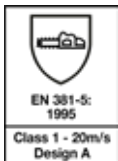
SIZES

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 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.

2 elasticated adjustable braces with closure by buckles



1 patched pocket for measuring equipment and fixation of spark plug spanner



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

Go to <http://sio.to/sipen1rh1> for more information. See page 54 for general fabric information.

SIZES

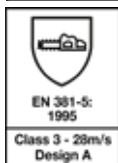
Regular: S - 4XL

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/m²)
- 9 layer protective inlay

FABRIC

Go to <http://sio.to/sipen1rq3> for more information. See page 54 for general fabric information.

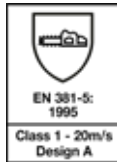
SIZES

Regular, inside leg 82cm: S - 3XL

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/m²)
- 6 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1st9> for more information. See page 54 for general fabric information.

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/m²)

FABRIC

Go to <http://sio.to/sipen1sx9> for more information.

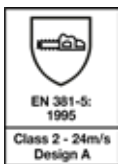
SIZES

UNI

COLOUR

- FC1 Hi-Vis Orange





CHAINSAB 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

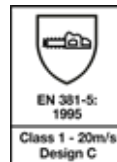
Go to <http://sio.to/sipen1sqx> for more information.
See page 55 for general fabric information.

SIZES

S - XXXL

COLOUR

• 506 Green/Hi-Vis Orange



CHAINSAB 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/m²)
- 6 layer allround protective inlay

FABRIC

Go to <http://sio.to/sipen1sp6> for more information.
See page 55 for general fabric information.

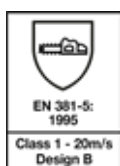
SIZES

XS - XXXL

COLOUR

• 503 Green/Orange





CHAINSAW LEGGINGS, CLASS 1 TYPE B 1ST6

Traditional one size fits all chainsaw leggings with all-round protection. Closing by means of separate reference leather belt. The airy design offers an increased ventilation. 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/m²)
- 6 layer protective inlay 360° (except the zipper)

FABRIC

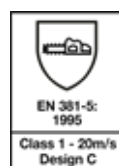
Go to <http://sio.to/sipen1st6> for more information.
See page 55 for general fabric information.

SIZES

UNI

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/m²)
- 6 layer allround protective inlay

FABRIC

Go to <http://sio.to/sipen1sg6> for more information.
See page 55 for general fabric information.

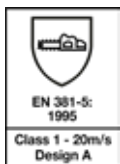
SIZES

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/m²)
- 6 layer front protective inlay

FABRIC

Go to <http://sio.to/sipen1xt2> for more information. See page 55 for general fabric information.

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

Go to <http://sio.to/sipen1xx3> for more information.

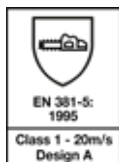
SIZES

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/m²)
- 6 layer protective inlay on the legs - protective inlay with cut resistant material on upper part of the arms and shoulders

FABRIC

Go to <http://sio.to/sipen1sc1> for more information.
See page 55 for general fabric information.

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:

- Our brand new Fuyu 3 ply and Tibet 2 ply softshell jackets.
- **Tracker** Defense trousers to protect yourself against the tusks of wild boars.
- Rain protection, either basic with **Flexothane**® or more technical with our **KEIU** styles composed of breathable **Siopor**® fabrics.
- Technical anti-wicking T-shirts, both short and long sleeves, which composes your first layer of protection against heat and perspiration.
- Trousers to better experience the action for:
 - » treeclimbing with our 1SSP or 1SSV ;
 - » extremely resistant trousers to ease your passage through thorns like the 1SSR **Tracker**.
- Specific resistance against ticks with the 1SXT **X-Tick**.

OUTDOOR PRODUCT RANGE



1SSV

Page 76



1SSP

Page 77



1SRZ

Tracker Defense

Page 78



1SSR

Tracker

Page 79



1STR

Page 87

Standards

EN ISO 13688

-	-	•	-	-
---	---	---	---	---

Fabrics

Waterproof Hydura	-	-	-	-	•
Teflon™ Fabric Protector	•	•	-	•	-
Full stretch TeXXion	-	•	•	•	-
Lightweight Pezatec & Pezaflex	•	-	-	-	-
Tektor reinforcements full front + back at calf height	-	-	•	•	-
Wild boar protection	-	-	•	-	-

Features

Waterproof	-	-	•	•	•
Ventilation	-	-	•	•	-
integrated gaiters	•	•	-	•	-

Wear and tear

Abrasion resistance	•••••	•••••	•••••	•••••	•••••
Tear resistance (bramble bush,...)	•••••	•••••	•••••	•••••	•••••

Use

Climbing	•	•	-	-	-
Trekking (leisure)	•	•	•	•	-
Tracking	-	-	•	•	•

Colours

Colour codes	834 Grey/ Black	833 Red/ Black	834 Khaki/ Black	834 Khaki/ Black	NS0 Black
		834 Khaki green/ Black		835 Grey/ Black	
		835 Grey/ Black			

Sizes

Leg lengths

Short, inseam leg length 78 cm	-	-	S XL	S - 2XL	-
Regular, inseam leg length 85 cm	XS - 2XL	XS - 3XL	S - 2XL	S - 2XL	Uni
Tall, inseam leg length 92 cm	-	-	S - XL	S - 2XL	-



1SXT	1SLR	1SRR	1SWS	561A	1SJ3	1SP4	397A	697A	797A
<i>X-Tick</i>	<i>Keiu</i>	<i>Keiu</i>	<i>Fuyu</i>	<i>Tibet</i>					<i>Tree Clima</i>
Page 81	Page 82	Page 83	Page 84	Page 85	Page 86	Page 86	Page 88	Page 88	Page 89

Standards

Rain Protection EN 343	-	Class 3-3	Class 3-3	-	-	Class 3-1	Class 3-1	-	-	-
EN ISO 13688	•	•	•	•	•	•	•	-	•	-
EN 14058-1-2004	-	-	-	Class 1	-	-	-	-	-	-
EN 13758-2:2003 +A1:2006 / UPF 50+	-	-	-	-	-	-	-	-	•	-

Fabrics

Flexothane® Classic ±180g/m²	-	-	-	-	-	•	•	-	-	-
Siopor® Extra ±205g/m²	-	•	•	-	-	-	-	-	-	-
Sio-Cool® Light ±130g/m²	-	-	-	-	-	-	-	•	-	-
Sio-Cool® Classic 150 ±150g/m²	-	-	-	-	-	-	-	-	•	-
Softshell ±280g/m²	-	-	-	•	-	-	-	-	-	-
Softshell ±320g/m²	-	-	-	-	•	-	-	-	-	-

Features

Waterproof Fabric	-	•	•	•	-	•	•	-	-	-
Ventilation	-	-	-	•	-	-	-	-	-	-

Wear and tear

Abrasion resistance	•••••	•••••	•••••	•••••	•••••	•••••	•••••	-	-	-
Tear resistance (bramble bush,...)	•••••	•••••	•••••	•••••	•••••	•••••	•••••	-	-	-

Use

Climbing	-	•	-	-	-	•	-	•	•	•
Trekking (leasure)	•	•	•	•	•	•	•	•	•	•
Tracking	•	•	•	•	•	•	•	•	•	•

Colours

Colour codes	RS0 Red	570 HV Orange/ Black	146 Black/ HV Orange	570 HV Orange/ Black	768 HV Yellow/ Red	041 Khaki green/ HV orange	A41 Khaki green	914 HV Orange/ Grey	914 HV Orange/ Grey	A97 Khaki
		768 HV Yellow / Red		768 HV Yellow/ Red				844 HV Yellow/ Red	844 HV Yellow/ Red	T94 Sapphire Blue

Sizes

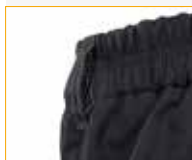
Uni	XS - 3XL	XS - 3XL	S - 3XL	XS - 2XL	S - 3XL	S - 2XL	S - 3XL	S - 3XL	S - XL
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CLIMBING TROUSERS

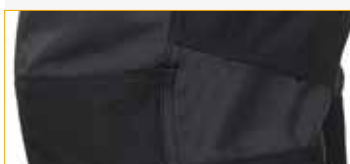
1SSV

*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.*

Elasticated waist



Hard wearing Pezatec and stretchable Pezaflex outer fabric with high performance water & soil repellency thanks to the Teflon™ finish



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

Go to <http://sio.to/sipen1ssv> for more information. See page 74 for general fabric information.

SIZES

XS - XXL

COLOUR

- 835 Grey Anthracite/Black

Elasticated gaiter with metal lace hook to fix on shoe laces



pezatec

pezaflex

CLIMBING TROUSERS

1SSP

*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.*



1 patched smartphone pocket with waterproof lining on the right leg with splash proof zip closure



Pre-formed full stretch Armortex® light reinforcements on the knees



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

Go to <http://sio.to/sipen1ssp> for more information. See page 74 for general fabric information.

SIZES

XS - XXL

COLOUR

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



TRACKER DEFENSE TROUSERS WITH PROTECTION AGAINST WILD BOAR TUSKS

1SRZ

Every hunter has either experienced it him-or herself or knows somebody who's had the experience : being attacked by a wild boar. The result of those kind of attacks prove how unpredictable these animals can be and shows the use of proper protection. Especially to protect you against these attacks we have developed the Tracker Defense hunting trousers. They are the result of intense and thorough testing both in a laboratory to develop the right anti-penetration inlay as well as field tests to provide these trousers with an excellent fit. The boar protection inside on the whole front of the trousers and on the back up to the back of the knee, The protection is developed to first absorb the impact of a raging wild boar and minimize the consequent risk of the penetration of the tusks. Of course, they are excellent tracking trousers in the first place which will offer great comfort and satisfaction at all times!



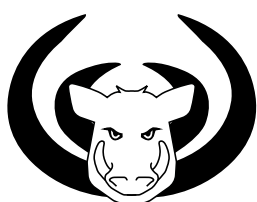
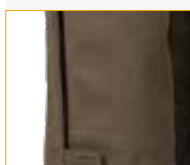
Ventilation zippers at the back of the legs



Waterproof Goliat reinforced knees



Extremely robust waterproof Tektar reinforcement on the front and at the back at calf height



CE

EXTERIOR

- Front fly with zip closure - closing by 2 metal buttons
- 2 inset pockets with zip closure
- 1 inset back pocket with flap and closed by zipper
- 1 patched left thigh pocket with zip closure
- 1 patched knife pocket with flap
- Zip closure on the outside of the lower leg from knee to bottom of the trousers for easy dress-and undressing
- Adjustable waist with loops for belt and loops for braces
- Back bib with loops for braces ref. 5SD4
- Triple-needle stitching on the back seam to the inside leg

INTERIOR

- NylNet lining for an optimal wearing comfort (100% polyester)
- Metal lace hook with elastic to fix on shoe laces
- Hi-Tech anti-perforation reinforcement on the entire frontside of the trousers and at the back up until the hollow of the knees. With overlap of seams.

FABRIC

Go to <http://sio.to/sipen1srz> for more information. See page 74 for general fabric information.

SIZES

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

COLOUR

- 834 Khaki Green/Black

Wild boar protection



TRACKER OUTDOOR RIPSTOP TROUSERS

1SSR

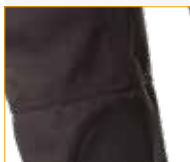
*Better experience the action wearing the Tracker trousers! They are perfect for all sorts of activities when not handling the chainsaw such as making your way through thorns in the forest or as very heavy duty working trousers. Just not your regular ones...The full ripstop and waterproof **Tektor** 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.*



Ventilation zippers at the back of the legs



Extremely robust waterproof Tektor reinforcement on the front and at the back at calf height



Leg narrowing below by touch and close fastening



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

Go to <http://sio.to/sipen1ssr> for more information. See page 74 for general fabric information.

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



VELOCIP

TICKS AND LYME DISEASE

A lot has been written and said regarding the ever increasing issues directly linked to the proliferation of ticks in European woodlands and meadows.

As being outdoor people by nature, the users of our products such as loggers and treeworkers are one of the first affected by bites of ticks, we thought it would be a natural consideration to inform about the possible consequences and ways to guard against potential harm these insects can cause.



A warning sign destined at hikers at the entrance of a French state forest

Some facts about ticks and Lyme disease

- One of the main serious consequences that might occur is the risk of getting Lyme disease (also named Borreliose after the bacteria that causes the disease) which can be provoked by tick bites that carry the *Borrelia burgdorferi* bacteria.
- Lyme disease can linger in a body for a very long time and is difficult to detect. The consequences can go as far as paralysing the person, provoke speaking disability, increasingly bad vision etc,....
- In some regions studies show that upwards of 10% or more of the total tick population carries this bacteria.
- Similar to mosquitos 'attractiveness' although hard to clinically prove, some people are more prone to attract ticks than other sometimes getting bitten more than 20 times a day.
- Although mostly living as close to the ground as possible (moisture and hosts like hedgehogs), ticks can easily live on vegetation at heights of up to 2m or higher.
- There are a lot of different ticks around which can all vary in size or even color and all can carry the *Borrelia burgdorferi* bacteria.
- Ticks need moisture to survive and are therefore mostly active in those areas. They can live a very long time without a host to feed on.
- After being bitten, the tick must be removed as quickly as possible and close monitoring of the whole body is advised for all people having been in the woodland or meadows.
- One of the first visual signs of Lyme disease, although not always the case or disappearing after a while, is a red aura migrating from the center point outwards. Lots of images can be found on your favorite search engine on the internet under the term 'Erythema migrans'. When discovering this or other symptoms following a bite of a tick, a visit to a doctor is mandatory.

Further information can be found on lymedisease.org



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 permethrin 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.



Metal hook to fix
on shoe laces



Metal cable and
single prong
closure for firm
fixing under safety
boots



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

Go to <http://sio.to/sipen1sxt> for more information.
See page 75 for general fabric information.

SIZES

UNI

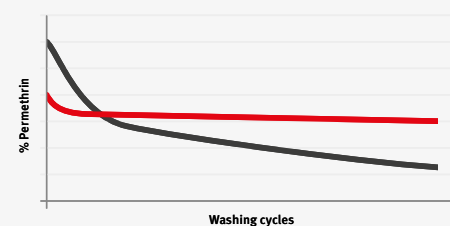
COLOUR

- R26 Red

Zip closure under
flap with touch &
close fastening



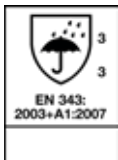
Extractable permethrin after laundering



■ Cell Solution® Protection

■ Classic with permethrin coated fabrics





KEIU RAIN JACKET TO EN 343 CLASS 3 3

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!



Straight collar with drawstring



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

Go to <http://sio.to/sipen1slr> for more information. See page 75 for general fabric information.

SIZES

XS - XXXL

COLOUR

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

Zip closure under double flap with press studs

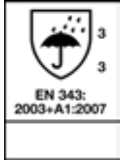


1 large inside pocket with zipper



SIOPOR[®]
EXTRA





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.



Mesh ventilation



Closing by elastic and integrated drawstring around the waist



EXTERIOR

- Closing by elastic and integrated drawstring around the waist

INTERIOR

- Nylon lining 70 g/m²

FABRIC

Go to <http://sio.to/sipen1srr> for more information. See page 75 for general fabric information.

SIZES

XS - XXXL

COLOUR

- 146 Black/Hi-Vis Orange

Waterproof and breathable Siopor® Ultra front reinforcement



Long zip closure with flap at the bottom of the trousers for easy fitting over boots



SIOPOR®
EXTRA





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 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!

Front zip closure
under flap



Sleeve narrowing
system by touch
and close fastening



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

Go to <http://sio.to/sipen1sws> for more information. See page 75 for general fabric information.

SIZES

S - XXXL

COLOUR

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



CE



TIBET SOFTSHELL JACKET 561A

Conquer the cold with the Tibet softshell. The stretch and comfortable fleece inner layer will keep you nice and warm. Waterabsorption 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.

EXTERIOR

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

FABRIC

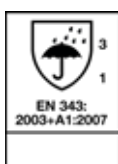
Go to <http://sio.to/sipen561a> for more information.
See page 75 for general fabric information.

SIZES

XS - XXL

COLOUR

- 768 Hi-Vis Yellow/Red



FLEXOTHANE
CLASSIC

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

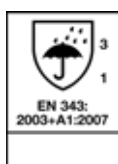
Go to <http://sio.to/sipen1sj3> for more information.
See page 75 for general fabric information.

SIZES

S - XXXL

COLOUR

- 041 Green Khaki/Hi-Vis Orange



FLEXOTHANE
CLASSIC

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

Go to <http://sio.to/sipen1sp4> for more information.
See page 75 for general fabric information.

SIZES

S - XXL

COLOUR

- A41 Green Khaki





WATERPROOF TRACKING LEGGINGS 1STR

*Wet thick bush, wet bramble bush or other dense vegetation is not easy to work your way through. These 1 size leggings made out of highly tear resistant **Hydura** are an easy and simple solution and will assure you won't mess up your trousers. This all whilst staying dry at the same time.*

EXTERIOR

- 2 openings for pocket access
- Elasticated belt

FABRIC

Go to <http://sio.to/sipen1str> for more information.
See page 75 for general fabric information.

SIZES

Regular: UNI - UNI

COLOUR

- NS0 Black





SIO-COOL LIGHT



SIO-COOL CLASSIC



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-shirt 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

Go to <http://sio.to/sipen397a> for more information.
See page 75 for general fabric information.

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-shirt 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

Go to <http://sio.to/sipen697a> for more information.
See page 75 for general fabric information.

SIZES

S - XXXL

COLOUR

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

CE



TREE CLIMA THERMO SWEATER 797A

Hardworking people deserve hardworking clothing. The Tree Clima is a comfortable sweatshirt that keeps you warm on those cool days and evenings. Don't be mistaken by the vintage styling, its 410 g/m² knitted Acryl/Polyester fabric will become your favourite second skin or layer to wear, not only during work but also during your leisure time.

EXTERIOR

- Zip closure
- Elongated back tail
- No horizontal stitches around the chest

INTERIOR

- Thumbloop

FABRIC

Go to <http://sio.to/sipen797a> for more information.
See page 75 for general fabric information.

SIZES

S - XL

COLOUR

- T94 Sapphire blue
- A97 Khaki





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 very complicated.

However, by listing the essential features for each type of work, we were able to develop the corresponding boots:

- Chainsaw boots need to be extremely comfortable, a whole day at work mustn't come with sore feet and blisters ;
- The footwear must be very hard wearing; forestry environment comes with rocks, branches, ... ;
- Each type of work has its own unique requirements and demands specific requirements.

Over the last few years, we worked hard in completing this range, and this resulted in some very nice looking premium boots like the **Grizzly 2.0** or the excellent value for money **Logger** boots.

Gloves and sleeves

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

Blisters, tears, cuts,... they can be very disturbing whilst handling dangerous machines like a chainsaw or can even put you out of work. In our updated gloves product range we now added new styles with an increased protection and comfort. They are distinguishable through their red and black design. They offer an increased protection through a better comfort and an increased dexterity.

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.

HEAD TO TOE PRODUCT RANGE

Footwear



3SIC

Grizzly 2.0

Page 95

3SD4

Logger

Page 96

3XAK

Timber

Page 98

3SA3

Superforet

Page 99

Standards

Chainsaw protection to EN ISO 17249	Class 2 - 24m/s	Class 2 - 24m/s	Class 2 - 24m/s	Class 2 - 24m/s
Chainsaw protection to EN 381-9	-	-	-	-
EN ISO 20345	P, HI, CI, WR, WRU, AN, HRO	S3	S3	S3

Features

Average shaft height measured at highest point	23 cm	20 cm	23 cm	20 cm
Average weight per boot	1300g	1250g	1000g	1000g
3D memory foam insole	•	-	-	-
Membrane	•	•	-	-
Vibram sole	•	-	-	-
Sewn sole	-	-	-	•

Material

Hypertex (55% Polyamid - 40% Polyurethane - 5% Polyester ± 390g/m²)	•	-	-	-
Superfabric 2,0mm	•	-	-	-
2,00 - 2,2mm thick cowhide leather	-	•	•	-
2,00 - 2,2mm thick nubuck leather	-	-	-	•

Sizes

	38 - 48	38 - 48	36 - 48	36 - 47
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1SXG

3SC1

Forestproof

Page 100

Page 100

Standards

Chainsaw protection to EN ISO 17249	-	Class 3
Chainsaw protection to EN 381-9	Class 1	-
EN ISO 20345	N/A	SRA, SB, E, P, SRA

Features

Average shaft height measured at highest point	-	35 cm
Average weight per boot	-	1550g

Material

Volcanized rubber	-	•
Siopor® Ultra (100% polyester fabric with 100% PU coating; ± 195 g/m²)	•	-

Sizes

	M / XL	37 - 47
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Gloves



2XD1	2XA2	2XD2	2XD3	2SA3	2SA4	2SA5
Page 103	Page 104	Page 105	Page 105	Page 106	Page 107	Page 107

Standards

Chainsaw protection EN 381-7, class 1 design A left hand / both hands	-	-	left	both	-	both	both
EN 388	3-2-4-2-X	3-2-4-3-X	3-1-3-1-X	3-1-3-1-X	3-1-3-2-X	3-1-3-2-X	3-1-3-2-X
EN 420	•	•	•	•	•	•	•

Features

Para-aramid stitching	•	-	•	•	•	•	•
Artery reinforcement wrists	•	•	•	•	•	•	•
Palm reinforcement	•	-	•	•	-	-	•
Anti-vibration futter in the palm of the hand	-	•	-	-	•	-	-
Velcro closing	•	•	•	•	-	-	-
Reinforcement on top of the hand	•	-	•	•	•	•	•

Material

Synthetic leather (60% polyamide - 40% polyurethane ± 310g/m²)	•	-	•	-	-	-	-
Reinforcements 18% Kevlar® - 56% Polyamide - 2% PU	•	-	-	-	-	-	-
Goat leather with 96% nylon - 4% spandex upper	-	•	-	-	-	-	-
Rubber PVC/PU on polyester knitting	-	-	•	•	-	-	•
100% full grain 1.2mm - 1.3mm hydrophobic cowhide leather	-	-	-	-	•	•	•

Sizes

8-12	8-12	8-12	8-12	8-12	8-12	8-12
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4SD1

Rockman

Page 111



4SC6

Page 112



4SC8

Page 112

Head protection

Standards

EN 352-1	-	25,5db	-
EN 352-3	26db	-	25db
EN 1731	•	•	•
DIN EN 397	•	-	-
NF EN 398	-	-	•

Features

Hearing protectors adjustable in height	•	•	•
Rack and pinion closing	-	•	•
4 anchor points	•	-	•

Material

Polyethylene helmet	•	-	-
Molded polypropylene helmet	-	-	•
Metal visor 30cm wide, 16cm high	•	•	-
Metal visor 30cm wide, 20cm high	-	-	•

Sizes

uni	uni	uni
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GRIZZLY 2.0

CHAINSAW BOOTS TO EN ISO 20345 AND EN ISO 17249 CLASS 2

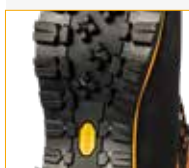
3SIC

*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?*

Easy Roller Lacing System of the front and auto-blocking lace hooks on top of the boot



All terrain Vibram® Teton sole



Tepor breathable and waterproof membrane with 10.000mm water column waterproofness to ISO 811



Orange Hypertex fabric with Putek technology. Extremely robust and rigid fabric which minimizes maintenance to virtually zero



KEY FEATURES

- All terrain Vibram® Teton sole
- Waterproof leather reinforcement 2.0mm
- Tepor breathable and waterproof membrane with 10.000mm water column water tightness to ISO 811
- 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

Go to <http://sio.to/sipen3sic> for more information. See page 92 for general fabric information.

SIZES

38 - 48

COLOUR

- 713 Orange/Black





LOGGER CHAINSAW BOOTS TO EN ISO 20345 AND EN ISO 17249 CLASS 2

3SD4

The class 2 Logger chainsaw boots are of an impeccable quality, completely waterproof and breathable thanks to the use of a membrane. The rubber lug outsole assures an excellent traction on smooth as well as on rough terrains. Supple enough to comfortably walk in during long walks yet firm enough to give you support on rocky grounds.

Stainless steel lace rings and hooks



Easy cleaning and ultra-strong grip on rough and muddy terrains thanks to strongly indented sole



EXTERIOR

- Slip resistance (SRC)
- Steel toecap anatomically pre-formed
- 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) + anti-static 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)
- Large heel for optimal stability
- Sole resistant to heat contact (HRO)
- Heat Insulation (HI)
- Waterproof (WR)

INTERIOR

- Steel toe cap
- 4 layer Cambrelle comfort lining
- removable and washable insole
- Kevlar® anti-perforation sole
- Fox Trek waterproof and breathable membrane

FABRIC

Go to <http://sio.to/sipen3sd4> for more information. See page 92 for general fabric information.

SIZES

38 - 48

COLOUR

- 992 Black/Yellow







TIMBER CHAINSAW BOOTS TO EN ISO 20345 S3 AND EN ISO 17249 CLASS 2

3XAK

The Timber chainsaw boots offer excellent value for money for punctual use such as seasonal harvesting of fire wood and training. They are very comfortable to walk long distances thanks to their flexibility after the first day of work no matter the weather conditions.

Breathable fabric lining



Injected nitrile rubber indented sole



KEY FEATURES

- Water resistant upper (WRU)
- Rubber reinforcement of the nose
- Flexible
- Very lightweight: $\pm 1000\text{g}$ 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

- Breathable fabric lining
- Steel toe cap
- Kevlar® anti-perforation sole

FABRIC

Go to <http://sio.to/sipen3xak> for more information.
See page 92 for general fabric information.

SIZES

36 - 48

COLOUR

- NS0 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) + anti-static 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
- Steel anti-perforation sole

FABRIC

Go to <http://sio.to/sipen3sa3> for more information. See page 92 for general fabric information.

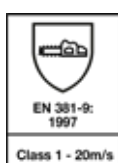
SIZES

36 - 47

COLOUR

- AS0 Olive Green





SIOPOR
ULTRA

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.

EXTERIOR

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

FABRIC

Go to <http://sio.to/sipen1sxg> for more information.
See page 92 for general fabric information.

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.

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

Go to <http://sio.to/sipen3sc1> for more information.
See page 92 for general fabric information.

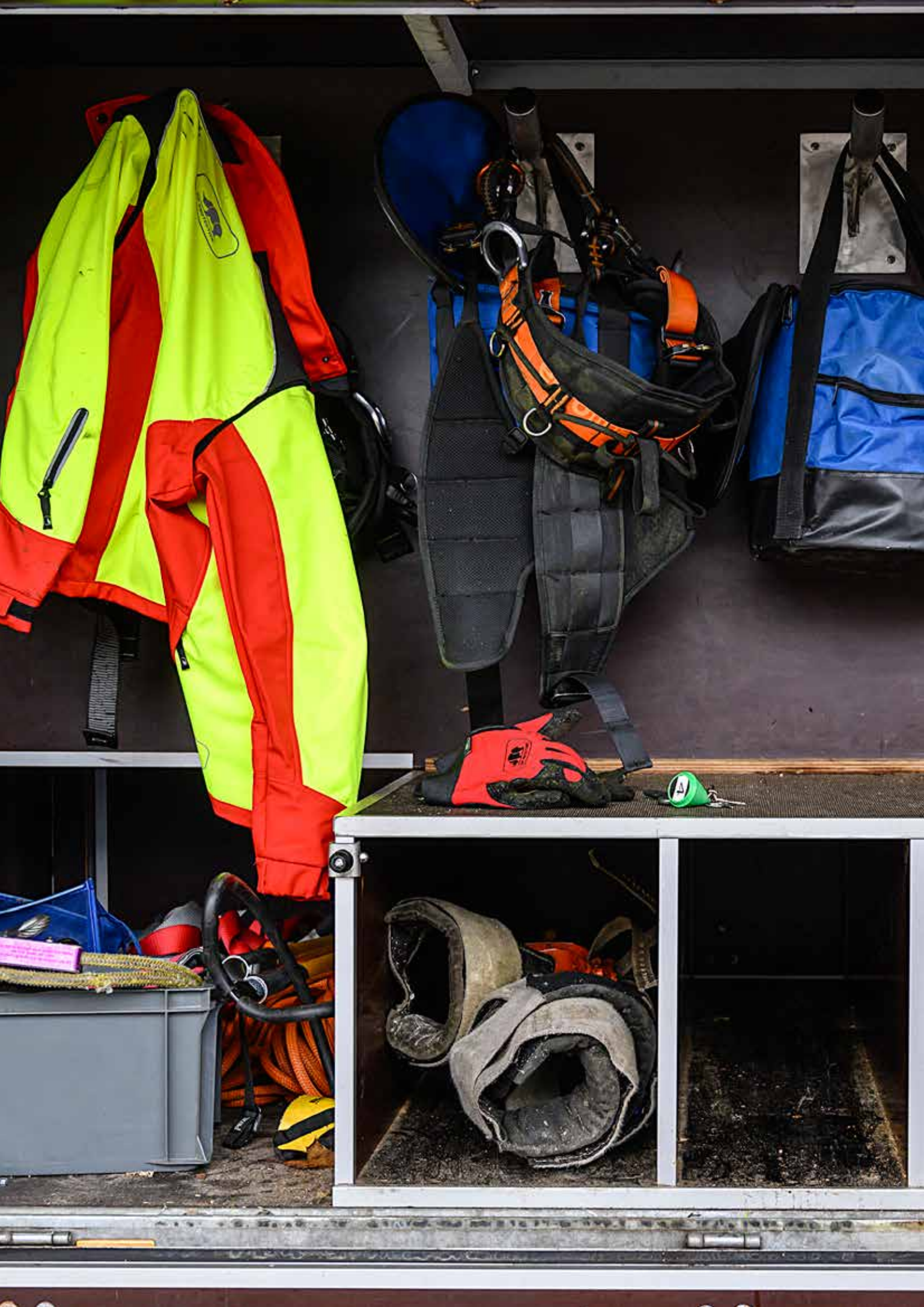
SIZES

37 - 47

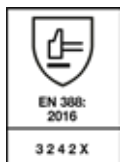
COLOUR

- 720 Black/Orange









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.

Elastic cuff with touch and close fastener



Very high abrasion-, tear- and puncture resistant reinforcement in the palm and on the fingers



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 color for better visibility
- Strong aramid stitching

FABRIC

Go to <http://sio.to/sipen2xd1> for more information. See page 93 for general fabric information.

SIZES

8 - 12

COLOUR

- 412 Red/Black



Elastic cuff with artery protection





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 color for better visibility

EXTERIOR

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

FABRIC

Go to <http://sio.to/sipen2xa2> for more information. See page 93 for general fabric information.

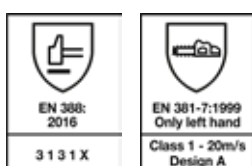
SIZES

8 - 12

COLOUR

- 412 Red/Black





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 color for better visibility
- Strong aramid stitching

FABRIC

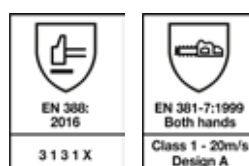
Go to <http://sio.to/sipen2xd2> for more information. See page 93 for general fabric information.

SIZES

8 - 12

COLOUR

• 412 Red/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 color for better visibility
- Strong aramid stitching

FABRIC

Go to <http://sio.to/sipen2xd3> for more information. See page 93 for general fabric information.

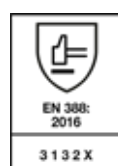
SIZES

8 - 12

COLOUR

• 412 Red/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

Go to <http://sio.to/sipen2sa3> for more information.
See page 93 for general fabric information.

SIZES

8 - 12

COLOUR

- GS0 Green





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

*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.*

KEY FEATURES

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

INTERIOR

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

FABRIC

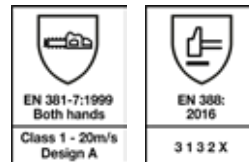
Go to <http://sio.to/sipen2sa4> for more information. See page 93 for general fabric information.

SIZES

8 - 12

COLOUR

- GS0 Green



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 and rubber antiskid reinforcement in the palm of the hands.*

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

FABRIC

Go to <http://sio.to/sipen2sa5> for more information. See page 93 for general fabric information.

SIZES

8 - 12

COLOUR

- GS0 Green





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

These cuffs 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

Water repellent 65% Polyester - 35% cotton
outer fabric ± 245 g/m²

SIZES

UNI

COLOUR

- C82 Orange
- FR1 Hi-Vis Red



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

These cuffs 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

Water repellent 67% polyester - 33% cotton
outer fabric ± 250g/m²

SIZES

L - XL

COLOUR

- FR1 Hi-Vis Red





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

*These cuffs 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

Water repellent 2-way stretch FREEDOM 2 93% polyamide - 7% elastane ± 240g/m² outer fabric

SIZES

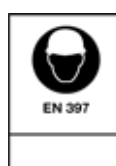
UNI

COLOUR

- 833 Red/Black







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

MATERIAL

Go to <http://sio.to/sipen4sd1> for more information.
See page 93 for general fabric information.

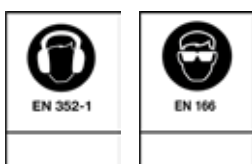
SIZES

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

MATERIAL

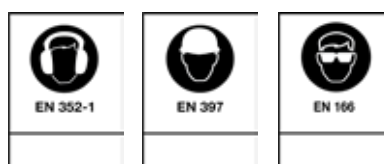
Go to <http://sio.to/sipen4sc6> for more information. See page 93 for general fabric information.

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.

EXTERIOR

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

MATERIAL

Go to <http://sio.to/sipen4sc8> for more information. See page 93 for general fabric information.

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 for several risks and discomfort.

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.

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.

PRODUCT RANGE



1SQ8	1ST8	1SQ4	1SQ5	5SA2	5SA3	1SX4	5SAL	1STE
Page 116	Page 116	Page 117	Page 117	Page 118	Page 118	Page 119	Page 119	Page 121

Standards

EN ISO 20471 CLASS 2	-	-	-	•	-	-	-	-	-
EN 13688:2013	-	-	-	•	-	-	-	-	-

Features

Waterproof front	•	•	•	•	-	-	•	-	-
Breathable front	-	-	•	•	-	-	-	-	-
Incorporated impact absorbing foam	•	•	•	•	-	-	•	•	-

Fabrics

65% polyester - 35% cotton	•	•	•	-	-	-	-	-	•
67% polyester - 33% cotton	-	-	-	•	-	-	-	-	-
Siopor® Ultra (100% polyester coated with polyurethane ± 195 g/m²)	•	•	•	•	-	-	-	-	-
ABS	-	-	-	-	-	-	-	•	-
Cuir pleine fleur	-	-	-	-	•	•	-	•	-
Nyltex 100% polyamide ± 135g/m²	-	-	-	-	-	-	•	-	-

Durability

Abrasion resistant	••••	••••	••••	••••	••••	••••	••••	••••	••••
Thorn resistant	••••	••••	••••	••••	••••	••••	••••	••••	••••

Colours

Colour codes	517 Green/Orange	517 Green/Orange	509 Khaki Green/Hi-Vis Orange	387 Hi-Vis Yellow/Black	WJ0 Beige	WJ0 Beige	N15 Black	YS0 Yellow	503 Green/Orange
				570 Hi-Vis Orange/Black					

Size

S - 3XL	Uni	S - 4XL	XS - 3XL	Uni	Uni	Uni	Uni	Uni
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SIOPOR®
ULTRA

BRUSHCUTTING TROUSERS 1SQ8

*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 back pocket with flap closed by concealed press studs
- 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

- Impact absorbing foam 3 mm

FABRIC

Go to <http://sio.to/sipen1sq8> for more information.
See page 115 for general fabric information.

SIZES

S - XXXL

COLOUR

- 517 Green/Orange



SIOPOR®
ULTRA

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

- Impact absorbing foam 3 mm

FABRIC

Go to <http://sio.to/sipen1st8> for more information.
See page 115 for general fabric information.

SIZES

UNI

COLOUR

- G60 Green





BRUSHCUTTING TROUSERS 1SQ4

Brushcutting trousers with removable impact resistant foam. The waterproof yet breathable front reinforcement fabric avoids water penetration for increased comfort.

EXTERIOR

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

INTERIOR

- Removable high-density impact absorbing foam 6mm

FABRIC

Go to <http://sio.to/sipen1sq4> for more information.
See page 115 for general fabric information.

SIZES

S - XXXXL

COLOUR

- 509 Khaki Green/Hi-Vis Orange



HV EN ISO 20471 CLASS 2 BRUSHCUTTING TROUSERS 1SQ5

Hi-vis EN ISO 20471 class 2 brushcutting trousers with removable impact resistant foam. The waterproof yet breathable front fabric avoids water penetration for increased comfort.

EXTERIOR

- Front fly with zip closure - closing by 1 button
- 2 inset pockets
- Loops for belt
- 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

- Removable high-density impact absorbing foam 6mm

FABRIC

Go to <http://sio.to/sipen1sq5> for more information.
See page 115 for general fabric information.

SIZES

XS - XXXL

COLOUR

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





FULL FRONT BRUSHCUTTERS APRON 5SA2

This leather full front brush cutting apron covering the whole front part of your body is perfectly suitable for warm and dry weather conditions. This leather brush cutting apron is perfectly suitable for warm and dry weather conditions.

EXTERIOR

- Closure by leather straps and metal single prong

FABRIC

Go to <http://sio.to/sipen5sa2> for more information. See page 115 for general fabric information.

SIZES

UNI

COLOUR

- WJ0 Beige



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

Go to <http://sio.to/sipen5sa3> for more information. See page 115 for general fabric information.

SIZES

UNI

COLOUR

- WJ0 Beige



SIOPOR
ULTRA

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

Go to <http://sio.to/sipen1sx4> for more information. See page 115 for general fabric information.

SIZES

UNI

COLOUR

- N15 Black

CE



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

SIZES

UNI

COLOUR

- YS0 Yellow



RUBBER ELASTIC STRAPS 5SAL (PER 10 X 2) YD0000010

Rubber spare elastic for tibia protectors 5SAL. Bag of 20 straps, 10 short 30cm straps and 10 long 40cm straps.





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

Water repellent 65% Polyester - 35% cotton outer fabric $\pm 245 \text{ g/m}^2$

SIZES

UNI

COLOUR

- 503 Green/Orange



ACCESSORIES

In this range you might find that little accessory you were looking for to make your 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.



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.

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

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

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.

KEY FEATURES

- Very robust and waterproof outer fabric $\pm 630\text{g/m}^2$
- Waterproof antislip reinforcement at the bottom $\pm 760\text{g/m}^2$
- Handy storage volume of $\pm 90\text{L}$
- Identification window for travelling
- 2 different types of handles and straps to either carry the bag in the hand or on the back like a backpack
- A large number of practical pockets
- Dimensions: 67 cm length x 45 cm width x 30 cm height
- A large number of practical loops around the sides of the bag

INTERIOR

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

FABRIC

Go to <http://sio.to/sipen596a> for more information.

SIZES

UNI

COLOUR

- N15 Black



LEATHER BELT 5SA7

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

SIZES

110 - 125

COLOUR

• E55 Brown



LACES 240 CM - BOX WITH 20 PAIR 5SD7

Laces, you know what they are and you know what they do, so we won't waste too much words about them. They are practical, 240cm long and come in black/orange.

SIZES

UNI

COLOUR

• 720 Black/Orange





SEKKOS MOISTURE ABSORBERS 1SEK

Few things are less annoying than 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!



SIP PROTECTION T-SHIRT 464A

EXTERIOR

- Round neck

FABRIC

Go to <http://sio.to/sipen464a> for more information.

SIZES

S - XL

COLOUR

- 024 Orange/Green

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

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/knowledge-center

EUROPEAN STANDARDS

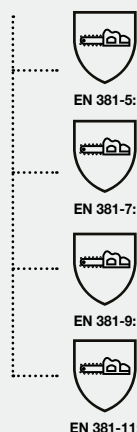
*All SIP Protection products meet the EC stipulations and are certified and marked as doing so. The CE mark indicates the compliance with the fundamental health and safety requirements from the **European Regulation 2016/425**.*

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.



EN 381



EN 381

Protection against hand-held chainsaws

The European standard EN 381 complies with protective clothing for chainsaw users. This norm is divided into different parts (or designs).

Each part treats a specific part of the body:

- EN 381-5 : Requirements for leg protectors
- EN 381-7 : Requirements for chainsaw protective gloves
- EN 381-9 : Requirements for chainsaw protective gaiters
- EN 381-11: Requirements for upper part of the body

The norm also prescribes 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

Not all classes are authorized in each part of the norm.
(see further for details)

Classification of protective clothing by category

Category I	Declaration of conformity	Working clothing to protect against superficial cuts caused by machines, rain wear.
Category II	EC- type test ^(*) + declaration of conformity	Protective clothing and gloves to protect against cuts, safety glasses, helmets and face shields, fluorescent clothing, safety boots.
Category III	EC- type test ^(*) + declaration of conformity + ISO control of production by notified body or sampling and testing by notified body	Chainsaw protective clothing. Protective wear, glasses, helmets against heat over (100°C) and against cold (-50°C), against electric shocks. Protect against falling from great heights.

EC- Type Test: CE mark



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

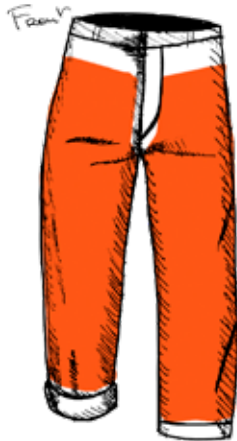


EN 381-5:

EN 381-5: Leg protectors

Protection against hand-held chainsaws

This part specifies the demands for leg protection wear and defines three types (or designs) of leg protection wear, according to the kind of protection:

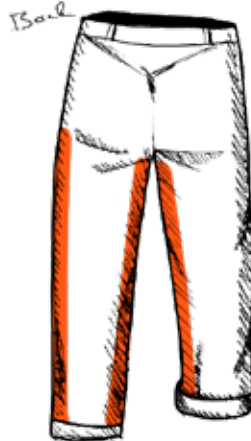
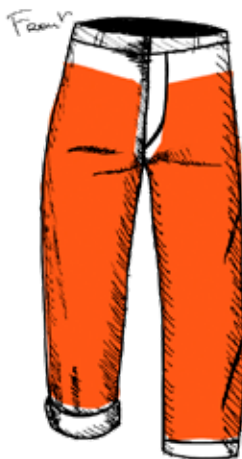


Type A

The chainsaw protective clothing of type A is mainly intended to be used for forestry work by professional lumber jacks who have been trained and informed. (*)

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

Protection starts at max. 5 cm from the bottom of the leg and ends at min. 20 cm above the crotch.



Type B

The chainsaw protective clothing of type B is mainly intended to be used for forestry work by professional lumber jacks who have been trained and informed. (*)

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



Type C

The chainsaw protective clothing of type C are intended to be used by people who normally don't work with chainsaws or in exceptional situations.

Type C covers each leg all around (360°) protection. The protection starts at max. 5 cm from the bottom of the leg and ends at min. 20 cm above the front of side of the crotch and at min. 50 cm under the back side of the crotch.

(*) For types A and B the protection must be fixed permanently on the sides of the protective padding.
The fixing of the protection must resist a force of min. 200N. Class 0 (16 m/s) is not applicable to the EN 381-5 standard.



EN 381-11:

EN 381-11: Protective upper part of the body

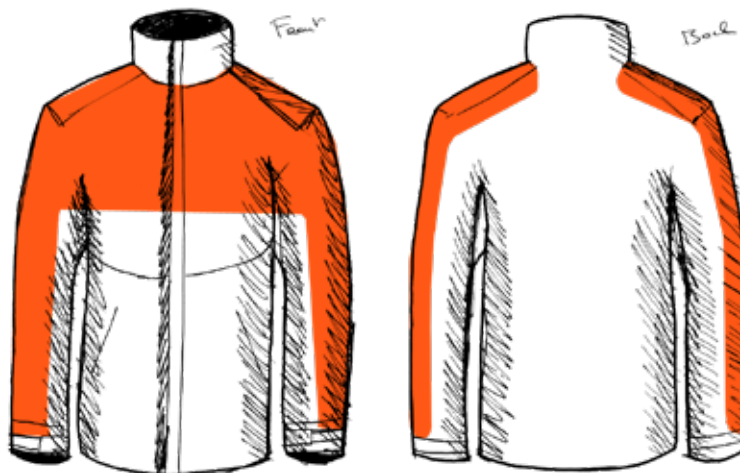
Protection against hand-held chainsaws

Standard

The 2 images depict the design of a chainsaw protective jacket according to standard EN 381-11.

In contrast to chainsaw trousers where 3 designs are possible there is just 1 design for the conception of chainsaw jackets in order to be conform to the standard.

On both front and backside of the jacket the standard defines a minimum surface of protective inlay on the shoulders, arms and chest. On the front side of the sleeves the protective inlay must cover a minimum of 80% of the total surface and the non-protected surface from the end of the sleeves mustn't exceed 70 mm.



Standard + belly protection

The 2 images depict the design of a chainsaw protective jacket according to standard EN 381-11 + additional full front protection.

Chainsaw jackets are more and more used for working on servicing platforms, occasional use of the chainsaw or in exceptional and dangerous working circumstances. As a consequence, 3 jackets (1SI7, 1SIA and 1SIS) in this catalogue have additional belly protection on top of the standard in order to provide even more safety. Basically, conception is the same as a normal standard jacket but there is added protection of the abdomen (see picture).





EN 381-7:

EN 381-7: Protective gloves

Protection against hand-held chainsaws

This part specifies the demands for chainsaw protective gloves. It describes 2 designs: design A & design B.

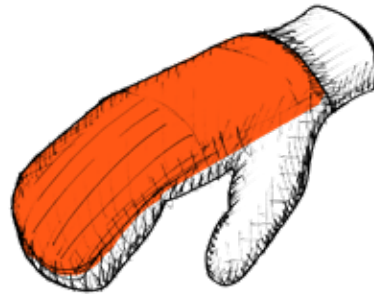
Design A

Standard EN 381-7 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).



Design B

Standard EN 381-7 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:

EN 381-9: Protective gaiters

Protection against hand-held chainsaws

To be worn on top of safety boots certified EN ISO 20345. Because safety boots have a steel nose there may be a gap in the chainsaw protective covering surface but it mustn't exceed more than 14 mm from the front end of the boot. The minimum height must be 200 mm and distance gaiter-ground maximum 25 mm.



EN ISO 17249

EN ISO 17249: Chainsaw protective boots

Protection against hand-held chainsaws

A chainsaw boot is always a safety boot in the first place. A boot complying to EN ISO 17249 automatically complies to EN ISO 20345. Therefore a chainsaw boot does not have to be labelled EN ISO 20345.





EN 342:

EN(V) 342 *Protection against cold*

This standard determines the requirements for P.P.E. (Personal Protective Equipment) to be worn at temperatures under -5°C.



EN 14058:

The following parameters are used:

- x: resulting thermal insulation measured with underwear of type B (see label)
- y: air permeability (3 levels)
- z: water vapour permeability (3 levels)

EN 14058: Protection against cool environments combination of wind/humidity/-5° ≥

- y: thermal resistance class
- y: air permeability class (optional)
- y: water penetration class (optional)
- y: insulation value (optional)



EN 343:

EN(V) 343

Protection against foul weather conditions

This European standard concerns protective clothing against rain, wind and cold at temperatures higher than -5°C. The standard provides for 2 performance parameters:

x: waterproofness - resistance of water penetration (3 levels)

	Class 1	Class 2	Class 3
Before pretreatment	≥ 800 mm	-	-
Before pretreatment & seams	≥ 800 mm	≥ 800 mm	≥ 1300 mm
After each pretreatment	-	≥ 800 mm	≥ 1300 mm

^(*) pretreatments: washing and/or dry cleaning, abrasion, the influence of fuel and oil, flexing.

y: water vapour resistance - breathing properties (3 levels)

	Class 1	Class 2	Class 3
EN V 343	Ret > 150	20 < Ret ≤ 150	Ret ≤ 20
EN 343	Ret > 40	20 < Ret ≤ 40	Ret ≤ 20

^(*) Ret: resistance value (unit m².Pa/W), which is measured by the skin - modeltest ISO 11092.



EN ISO 20471:

EN ISO 20471 & EN 471

Professional high visibility clothing

x: Surface of fluorescent and retro-reflective material (3 levels)

	Class 1	Class 2	Class 3
Fluorescent background material	0,14	0,50	0,80
Retro-reflective material	0,10	0,13	0,20
Or combined performance material	0,20	-	-

^(*) pretreatments: washing and/or dry cleaning, abrasion, the influence of fuel and oil, flexing.



EN 471:

y: Quality of the retro-reflective material (2 levels) (only for EN471)

There are 2 performance classes for retro-reflective material. (Furthermore, there are also combined performance materials (simultaneously fluorescent and retro-reflective))



EN 388:

EN 388

Protection against mechanical hazards

This standard applies to all types of gloves that provide protection against physical and mechanical hazards due to abrasion, cuts, tear and puncture.

QUALITIES & FABRICS

Our own developments

pezatec

Very light fabric that nonetheless presents excellent performances in terms of abrasion resistance and tensile strength.
(100% high tenacity polyamide **Cordura**® ± 150g/m²)

pezatec aqua

Very light waterproof fabric that nonetheless presents excellent performances in terms of abrasion resistance and tensile strength.
(100% high tenacity polyamide **Cordura**® with polyurethane coating ± 200g/m²)

pezaflex

Light and yet very robust 2-way stretch insert fabric.
(94% high tenacity polyamide **Cordura**® - 6% elasthane ± 200 g/m²)

pezaflex aqua

Very light and stretchable waterproof fabric that nonetheless presents excellent performances in terms of abrasion resistance and tensile strength. (94% **Cordura**® - 6% elasthane with PU coating ± 250g/m²)

TEXXION

Hard wearing and very durable 4-way Ripstop fabric with an exceptional abrasion resistance and tensile strength.
(86% high tenacity polyamide **Cordura**® - 14% spandex ± 240 g/m²)
TeXXion HV: 89% PES - 11% Elasthane ± 250 g/m².

TEKTOR

A laminated reinforcement that is waterproof and woven with the Ripstop method resulting in an excellent resistance. For use in wet and extreme working conditions.
(68% polyester - 32% polyamide - 100% polyurethane coating ± 345 g/m²)

◀ FREEDOM 2 ▶

Highly durable 2-way stretch fabric.
(93% polyamide - 7% Spandex ± 240 g/m²)

◀ FREEDOM 4 ▶

Light and supple 4-way stretch microrip fabric with high abrasion resistance.
(92% polyamide - 8% Spandex ± 155 g/m²)

Fabrics we use



Siopor® Ultra is totally water and windproof, breathable, extremely comfortable, supple and machine washable. The high degree of breathability offers you an excellent comfort, which makes it pleasant to work in all weather conditions.
(100% polyester fabric with 100% PU coating, $\pm 195 \text{ g/m}^2$)



Flexothane®, a technical fabric that offers you an excellent protection. The polyurethane coating on a stretchable knitted base makes **Flexothane®** water and windproof, comfortable, noiseless, 150% stretchable, supple, highly tear resistant and machine washable.



Highly breathable fabric with inherent anti-bacterial properties that eliminate odour-causing germs.
(100% **Sio-cool® Light** (polyester) birdeye $\pm 130 \text{ g/m}^2$)



Fabric that offers an exceptional abrasion and tensile strength performance.



Chainsaw protective yarns that are up to 25% lighter than traditional chainsaw protection.



Durable finish that is water- and dirt repellent.
Very quick-drying.



4-way stretch reinforcement fabric.
(30,7 para-aramid - 60,6% polyamide - 6,5% elasthane - 2,2% polyurethane $\pm 340 \text{ g/m}^2$)



Reinforcement fabric that keeps water out and at the same time has a good abrasion resistance.
(100% polyamide - PVC coating $\pm 255 \text{ g/m}^2$)

SIZE TABLE

Trousers, bib&brace, coverall

		XS	S	M	L	XL	XXL	XXXL	XXXXL
EN ISO 13688 2013	1/2 waist circumference in cm (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 in cm	66-74	74-82	82-90	90-98	98-106	106-117	117-129	129-141

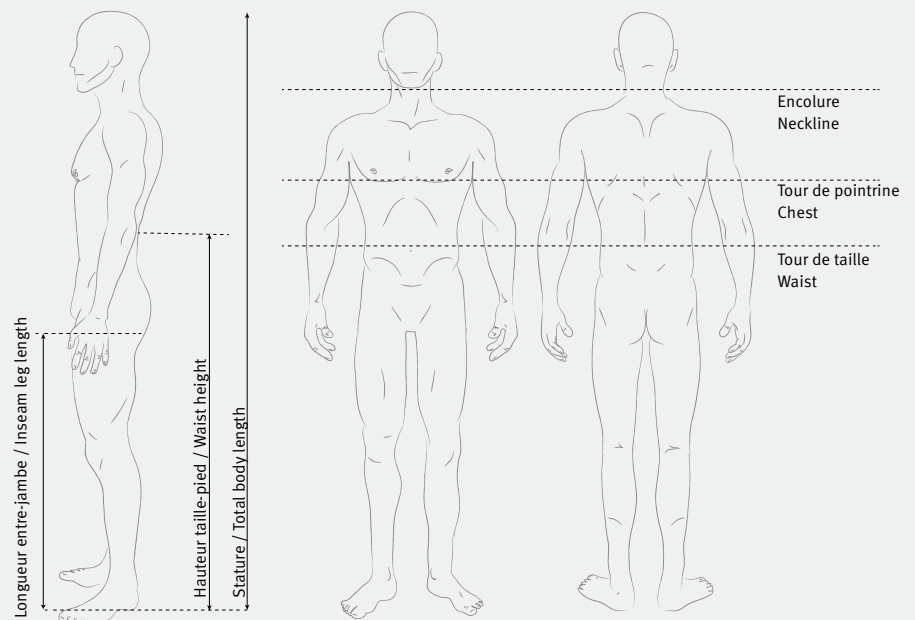
(!) leg length may vary per model, leg lengths of each model can be found in the overview tables at the beginning of each range

Jackets and t-shirts

		XS	S	M	L	XL	XXL	XXXL	XXXXL
EN ISO 13688 2013	1/2 chest circumference in cm (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

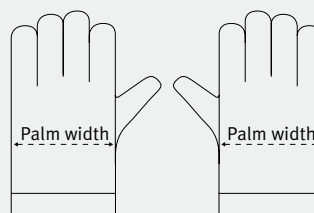
Rubber boots and leather boots

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)





WE ARE ALL SIP PROTECTION

*We are passionate about our work,
about your work, about your lifestyle,
about your life.*



*The KWF is the competence centre for **forestry work, forestry technology and wood logistics** in Germany and Europe and provides **advice to all key players in the forestry, wood and bio-energy sectors.***

“The German Center for Forest Work and Technology (KWF) is a registered non-profit association and is supported by 2000 members. The KWF is the competence centre for forestry work, forestry technology and wood logistics in Germany and Europe and provides advice to all key players in the forestry, wood and bio-energy sectors. It is available as an interlocutor to everybody. As a transnational non-profit organization, the KWF focuses on all major tasks for securing the future, avoiding accidents and protecting the environment in a precautionary way. This makes the KWF exemplary for a joint, efficient and future-oriented execution of tasks by the German Federal Government and the Leander.

The KWF is the only organization that examines and certifies forestry technology, tools, supplies and protection equipment at the national and transnational level.

In doing so, the KWF grants the coveted trade-in value mark, the KWF test mark, but also the DPLF (German Test Center for Agricultural and Forestry Machinery) mark and the GS (Tested Safety) mark. Furthermore, the KWF fulfills a cross-sectional function bridging the worlds of research, practice and industry for the areas of forestry, wood and bio-energy. In these areas, the association is also available as a project partner.

In simple words, EN 381 gives you an answer regarding the safety of your chainsaw garment, an FPA approval gives you a good indication about comfort and the lifetime quality of your garment, based upon a full year wearing test in 12 different locations, by professional users.



KWF-PROFI

Technical tools for forestry, which have been thoroughly tested by the KWF, are distinguished with the “KWF-PROFI” signature. They comply to all requirements of current technical standards, particularly economic, security, ergonomic and ecological standards. The tests include technical measurements, practical tests in forestry and enquiries about the application of the tools. In case of positive results, the competent test committee decides on the “FPA approved” and, if necessary, on the obligation of further improvements.

The new test approval sign will replace the previous sign “KWF-Gebrauchswert” and the older FPA sign (technical forestry test committee of the KWF), which has been the emblem for approved forestry techniques for over 50 years. The new sign is identical in content, but at the same time it refers to the competent test authority by means of the KWF logo. Look for this logo for products already certified.



KWF-STANDARD

The newly introduced KWF sign carries the name “standard”. All the test objects, PROFI as well as STANDARD, go through a series of use value tests (practice tests).

All safety aspects must under any given circumstance be fulfilled in order to achieve one of the two KWF approvals. The KWF approval “standard” is especially applicable to products of the highest expectations being used in professional logging applications. It can be obtained, according the product group, based on used materials, wearing comfort, weight and similar criteria. For most product groups these criteria are fixed.

They are constantly adapted according the latest technologies. Thanks to the new label “KWF-standard”, the occasional user – for instance a person who cuts firewood – can with proven certainty rely on a satisfying product, within the limits of his budget.



KWF -TEST

With the label “KWF-test” products are selected that have been successfully tested for specific properties for instance measuring equipment for crane harvesters, function for tire pressure controllers etc...For forestry clothing this would be a specific characteristic such as “high wearing comfort”

The KWF-test label is a sign of approval of the tested characteristics. The 1SSP is an example of KWF-test labeled product.



Trees Need Care.
Arborists Care For Trees.

**SIP Protection is proud to partner with
International Society of Arboriculture
in supporting TreesAreGood.org
to promote proper tree care, and the
professional practice of arboriculture.**

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Find a chapter or associate organization close to you at www.isa-arbor.com/chapters



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