

# SIOEN

## PROFESSIONAL PROTECTIVE CLOTHING

MULTI-NORM WORKWEAR







# Multi-norm workwear



## Adapt, Excel, Grow



## Product overview



## Multi-norm workwear

### FR AST

- 34 Sio-Flame™ Anti-static
- 43 Sio-Flame™ Molten Metal

### ARC

- 46 Arc Configurator
- 54 Sio-Safe™ Essential Light
- 60 Sio-Safe™ Essential
- 74 Sio-Safe™ Extra Light
- 80 Sio-Safe™ Extra
- 92 Sio-Safe™ Supra



## General information

# ADAPT EXCEL GROW

European Market Leader  
Professional protective clothing



## Sioen Apparel

Sioen has a concerted focus on knowledge, innovation and creativity. All our specialists are working hard every day so we can provide you the best protection possible.

European market leader.....	8
One stop shop for any application .....	9
Clothing solution provider .....	10

## Our Strengths

We understand, advise and offer solutions for our customers who are working in various industrial domains. Making their workplaces safer.

Norms & Standards.....	14
Research & development.....	16
In-house testing labs.....	17
Customer centricity.....	18
From vertical integration to circular economy .....	20

# Sioen Apparel

*We produce highly technical protective clothing. But we are more than just a garment manufacturer. We provide solutions, are innovative and we can rely on a broad technical expertise.*

## **European market leader**

Sioen focusses on high quality and highly technical professional protective clothing. We are the number one innovator in this domain offering solutions for many different applications and markets.

## **One stop shop for any application**

Sioen Apparel combines several own brands serving different markets.

## **Clothing solution provider**

At Sioen, we strive to find a solution for any of our customers' clothing needs. You can select out of the largest range available on the market. In addition, we can create adapted, customized clothing. This customer-insight allows us to always come up with the right solutions to your problems.







# European market leader



**#1** in professional protective clothing

## Offering garment solutions for different market applications

- Utilities, energy & (Petro-)chemical
- Agricultural
- Food industry and cold storage warehouses
- Transport (rail, marine, road, air)
- Local, national and European governments & authorities
- Marine
- Defence and security
- Emergency services (Police, fire departments, ambulance, hospitals, rescue)
- Retail
- Outdoor
- Private label & Corporate identity
- Construction
- Steel industry
- Automotive industry

# One stop shop for any application



**Sioen Professional**  
[www.sioen-ppc.com](http://www.sioen-ppc.com)



**Sioen Fire Clothing**  
[www.sioenfire.com](http://www.sioenfire.com)

## Our brands

Under Sioen Apparel you will find the brand Sioen, gathering all high quality protective clothing, and the brands Sioen Fire Clothing, Sioen Ballistics, SIP Protection, Mullion, Ursuit, VanOchten and Baleno. Each brand has its own brochures and websites.



**Sioen Ballistics**  
[www.sioenballistics.com](http://www.sioenballistics.com)



**SIP Protection**  
[www.sip-protection.com](http://www.sip-protection.com)



**Mullion**  
[www.mullion-pfd.com](http://www.mullion-pfd.com)



**Ursuit**  
[www.ursuit.com](http://www.ursuit.com)



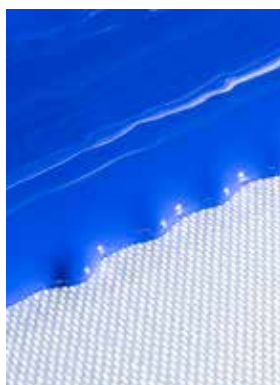
**VanOchten**  
[www.vanochten.nl](http://www.vanochten.nl)



**Baleno**  
[www.baleno.be](http://www.baleno.be)

## Part of the Sioen Industries Group

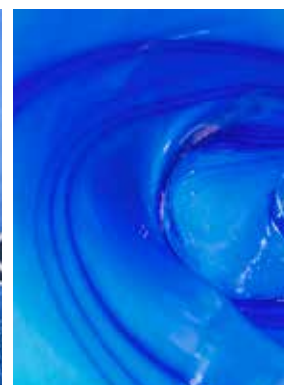
Sioen Apparel is one of the three divisions of Sioen Industries (founded in 1960). In addition to Sioen Apparel, there are two other divisions, Sioen Coating, world leader in coated technical textiles and Sioen Chemicals, specialists in fine chemicals.



Coating division



Apparel division



Chemicals division

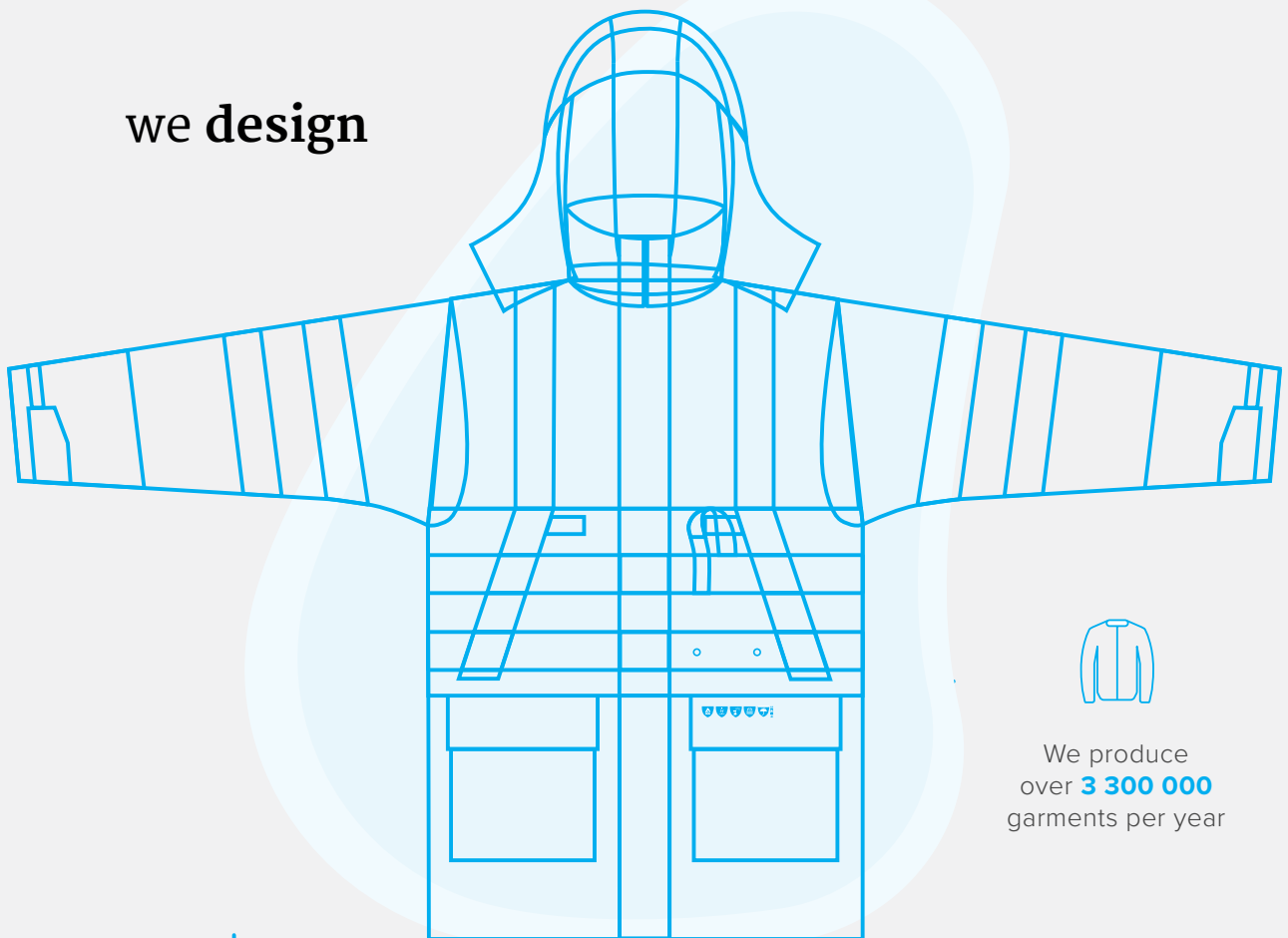


# Clothing solution provider

At Sioen, we strive to find a solution for any of our customers' clothing needs. You can select out of the largest range available from stock on the market.

In addition, we can create adapted, customized clothing. This customer-insight allows us to always come up with the right solutions to your problems.

we design



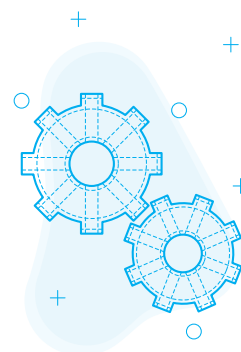
We produce  
over **3 300 000**  
garments per year





## we develop

We employ approx. 200 people worldwide developing ideas into 'ready for production'- samples



## we manufacture

Our 12 manufacturing plants in Indonesia, Myanmar, Romania, Tunisia, Finland, Estonia and Latvia are staffed with > 3.100 people.



## we distribute

Our 2 warehouses in Belgium (Moeskroen and Ghent) handle  
> 3.3 million pieces / year ;  
> 1.500 orderlines / day and up to  
120.000 pcs / day.



## we sell

We offer standard stocked items as well as garment solutions according to customers' requirements throughout Europe.

# Our Strengths

*At Sioen, we strive to find a solution for any of our customers' clothing needs. You can select out of the largest range available on the market. In addition, we can create adapted, customised clothing. This customer-insight allows us to always come up with the right solutions to your problems.*

## **10 good reasons for working with Sioen**

- High quality products according to the latest standards
- A large product portfolio available from stock
- Innovative solutions for your special requests
- Technical expertise and intensive R&D
- Dedicated customer service and sales teams
- Strong brands
- Ethical & Ecological charter (CSR)
- Our reputation as a trustworthy partner
- Strong foundations as a financially healthy company
- Vertically integrated







# Norms & Standards



## EN 343

Protective clothing  
against rain



## EN 14058

Protective clothing  
against cool environments



## EN 342

Protective clothing  
against cold



## RIS-3279-TOM:

High visibility  
railway clothing



## EN 13758-2

UV Protective Clothing



## EN ISO 14116

Protective Clothing  
against flames



## EN ISO 11612

Protective Clothing against  
heat and flames



## EN ISO 11611

Protective clothing tested for  
welding and allied processes



## EN 1149-5

Protective clothing against  
electrostatic properties



## EN ISO 20471

High visibility clothing



## IEC 61482-2

Protective clothing  
against the thermal hazards  
of an electric arc



## EN 14605

Protective clothing  
against liquid chemicals



## EN 13034

Protective clothing against  
liquid chemicals Type 6

### Exacting & latest European Standards

We want to be among the first to offer products according to the newest norms and specifications. In doing so, we aim to offer the best product portfolio for each market of opportunity.

**For a full overview of the latest european standards, please visit our website: [sioen-ppc.com](http://sioen-ppc.com).**







# Research & development

## Knowledge, innovation and creativity

Sioen has a concerted focus on knowledge, innovation and creativity: on new materials, new production processes, new services, new niches, new markets and new requirements. Sioen can compare favourably with the world's top research institutes in this area.

Sioen's R&D centres and labs are fully equipped with the latest testing equipment. Testing for tear and tensile strength, flame retardancy, thermal radiation, chemical resistance, bullet and knife impact, water column, colour fastness, ageing and so on are all performed in-house.

Our R&D department is the driving force behind the development of new materials, methods, processes and applications. Their knowledge, state of the art testing equipment and thorough expertise in the field of norms and standards make them so effective.

For our customers that means:

- Significantly faster development times ;
- Thorough exhaustive testing, developing and improving products that comply perfectly with the norms and standards ;
- More flexibility towards the needs of the customer ;
- Easier to develop customised solutions.



© Sioen - Direct contact with end-user within the R&D laboratoria.



# In-house testing labs



**Surface conductivity**



**Puncture test**



**Heat transfer flame**



**Home & industrial wash test**



**Rain tower test**



**Flame test**



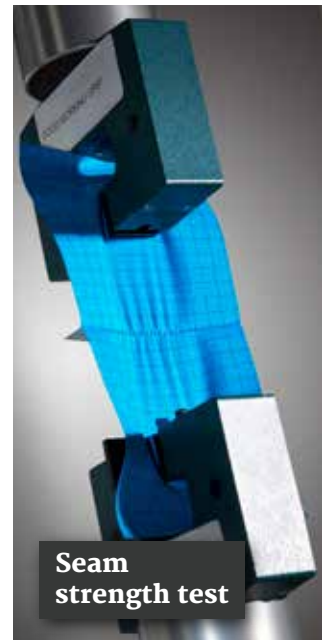
**Spray test**



**Hydrostatic pressure test**



**Crumple flex test**



**Seam strength test**

## Testing equipment

Testing for tear and tensile strength, flame retardancy, chemical resistance, waterproofness, colour fastness, ageing and so on are all performed in-house, and Sioen compares favourably with the world's top research institutes in this area. The ability to conduct flame tests

(EN 367), and thermal radiation tests (EN ISO 6942) in-house has led to Sioen being one of the first European producers certified for the new EN 469:2005 standard for firefighter clothing, and opens the way for Sioen to play a leading role in flame retardant garments.



## Customer centricity

### Going the extra mile

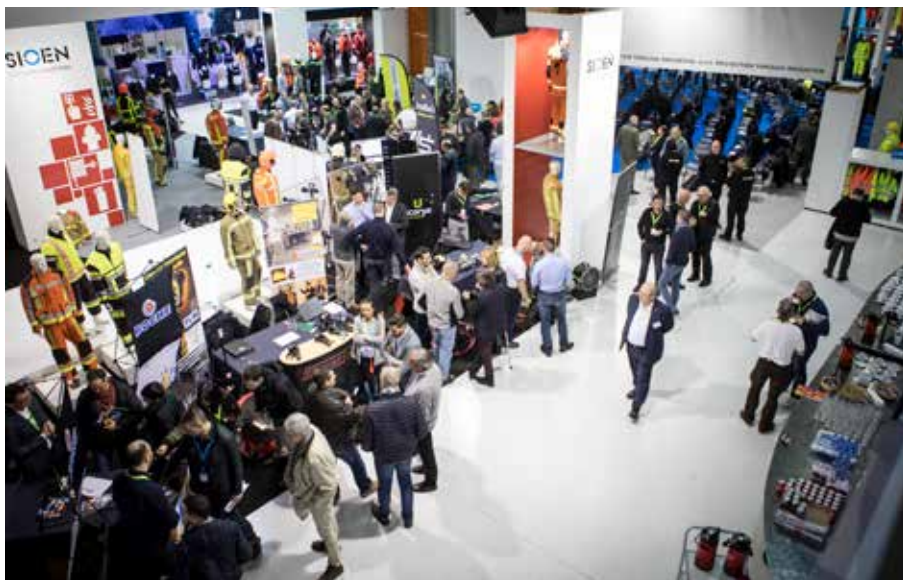
We design and produce technical textiles, technical apparel and colouring solutions to fit their needs and support them in their choices. Part of our customer-centric approach is to apply our wide-ranging expertise to answer even the unexpressed needs and wishes of customers. A lot of customer journeys start in our headquarters in Ardoois (Belgium), where we have two modern showrooms to give visitors a glimpse of what we can do in all 3 divisions.

Working for users in different markets, our sales team, engineers, product developers and R&D department are ideally placed to handle every request with a multidisciplinary and cross-sectoral approach. In some cases,

we surpass our customers' expectations by combining expertise from different core markets and manufacturing processes.

We offer both off-the-shelf products and tailor-made solutions. We control the whole manufacturing chain, so options are limitless. Every year, we organise numerous training sessions and events in our showrooms. We welcomed more than 4 000 visitors in 2018 alone.





© Sioen - Seminars/Events held at headquarters Ardoois.



We have welcomed **over 4 000 visitors** during 2018 to our showrooms.

# From vertical integration to circular economy

## A better tomorrow

Sioen is committed to the conduct of an ethical business on all levels by acting fairly and honestly in all our dealings and by observing the highest standards of integrity. To achieve these, our company utilises the shareholders' investments in a sensitive manner while delivering safe and quality products to our clients. We comply with both the spirit and the letter of legislation and submit all our actions to an external audit.

We invest in the protection of the environment, because a healthy environment is vital to all life and activity. At Sioen Industries, we want to contribute to solving the challenges our environment faces today: climate change, search for alternative sources of energy, use of less raw material, reduction of waste and emissions, etc.



© Sioen - Recycling unit of our spinning mill in Moeskroen.



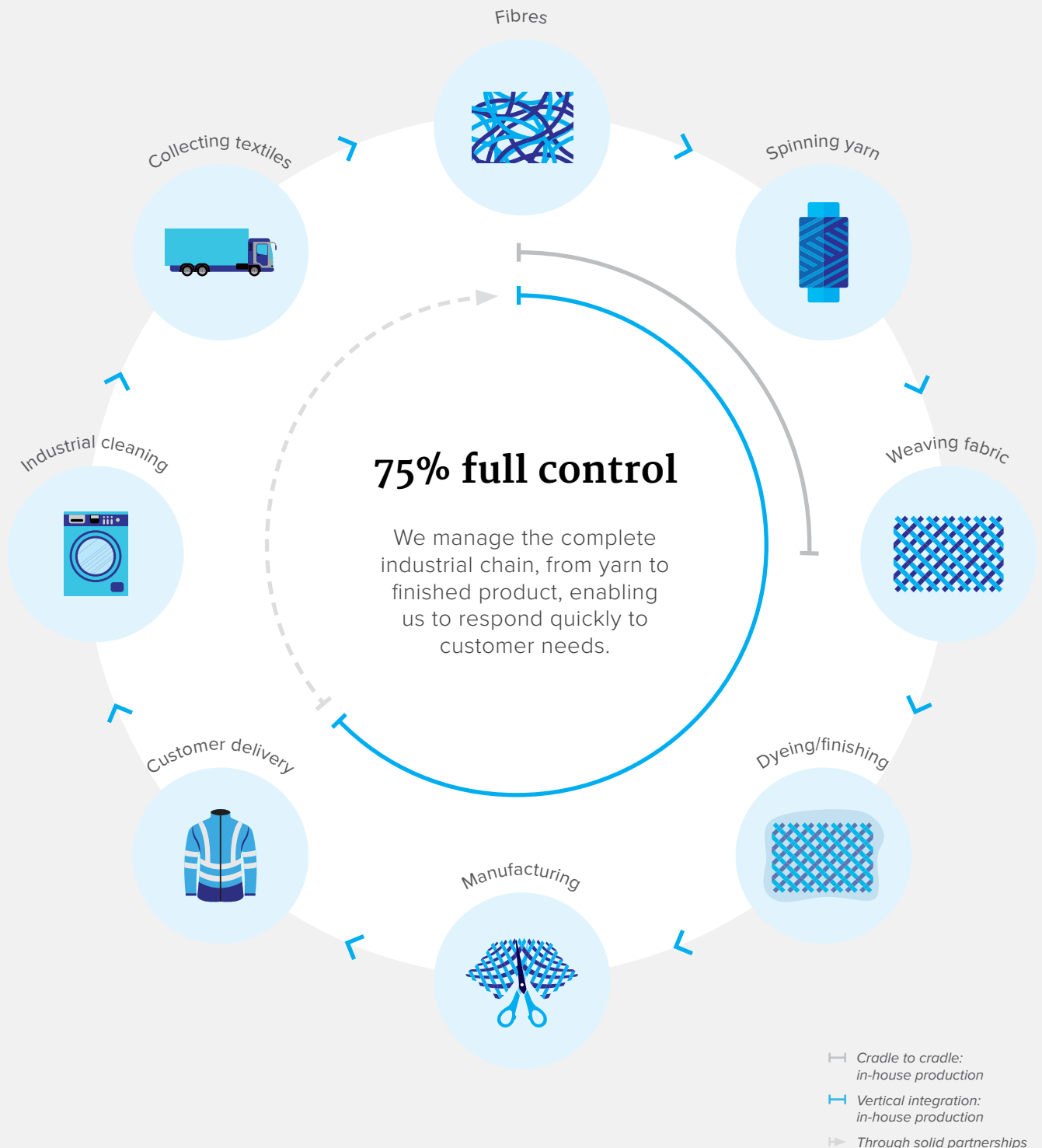


**360°** know-how  
of the manufacturing  
process

### A sustainable world

Sioen offers clothing based on recycled or biobased materials, but also works on (partial or complete) high value recycling of our garments to close the loop.

Our efforts also consist of creating durable garments with a longer lifespan, which contributes indirectly to a sustainable world.





**[www.sioen-ppc.com](http://www.sioen-ppc.com)**

visit our website for more  
detailed product information.

**[www.sioen-ppc.com](http://www.sioen-ppc.com)**

- Easy access to product searches.
- Latest company news.
- Advanced product filters.
- Full and up to date product information available.
- New products.
- Access to product data sheets.
- Access to the electronic catalogue.
- Responsive design for tablet and mobile use.
- Ability to compare products.

ARC protect

Carl



tion

low

Watch later Share

SICEN























































Discover our new  
product video's

# Workwear fabric overview

## Fabrics sorted by weight

FR + AST

ARC

Product range	Page nr.		Weight	Wash instructions
<b>SIO-FLAME Anti-Static</b> PIF	35	99% FR cotton + 1% AST	± 340 g/m <sup>2</sup>	     
<b>SIO-FLAME Molten Metal</b> PIU	43	54% Lenzing FR + 20% wool + 20% polyamide + 5% aramid + 1% AST	± 375 g/m <sup>2</sup>	    
<b>SIO-SAFE Essential Light</b> PIR	59	24% polyester + 75% cotton + 1% AST	± 250 g/m <sup>2</sup>	    
<b>SIO-SAFE Essential Light</b> PFB	55	79% FR cotton + 20% polyester + 1% AST	± 260 g/m <sup>2</sup>	     
<b>SIO-SAFE Extra Light</b> PIP	75	57% aramid + 42% polyester + 1% AST	± 260 g/m <sup>2</sup>	     
<b>SIO-SAFE Extra</b> PF9	81	54% modacrylic + 45% viscose + 1% AST	± 300 g/m <sup>2</sup>	     
<b>SIO-SAFE Extra</b> PFD	88	31% polyester + 28% modacrylic + 20% aramid + 20% FR viscose + 1% AST	± 320 g/m <sup>2</sup>	     
<b>SIO-SAFE Essential</b> PFA	61	79% FR cotton + 20% polyester + 1% AST	± 350 g/m <sup>2</sup>	     
<b>SIO-SAFE Supra</b> PIT	93	65% Lenzing FR, 22% aramid, 12% polyamide, 1% AST ± 250g/m <sup>2</sup> + 64% Lenzing FR, 35% aramid, 1% AST; ±150g/m <sup>2</sup>	± 400 g/m <sup>2</sup>	     

\* for hi-vis clothing: max 75 washing cycles





## European Norms & Standards

## Available colours

IEC 61482-2		EN ISO 11612	EN ISO 11611	EN ISO 14116	EN 1149-5	EN 13034	EN ISO 20471	Available colours												
Class	ATPV (cal/cm <sup>2</sup> )							Navy	Sailor blue	Royal blue	Grey	Orange	Red	White	Black	Charcoal	Green	Hi-vis yellow	Hi-vis orange	Hi-vis red
-	-	A1 B1 C1 E3 F1	Class 1 - A1	-	x	-	-	x												
-	-	A1 A2 B1 C1 D3 E3 F1	Class 2 - A1 A2	-	x	-	-	x		x	x	x	x					x		
APC 1	8,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	-	x	x	-	x	x	x	x	x	x	x	x	x	x	x		
APC 1	9,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	index 3	x	x	x	x		x	x	x	x		x			x		
APC 1	8,0	A1 B1 C1 F1	Class 1 - A1	index 3	x	x	x	x										x	x	x
APC 1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	-	x	x	x	x		x	x	x	x	x	x	x		x		
APC 1	9,1	A1 B1 C1 E1 F1	Class 1 - A1	-	x	x	x	x	x	x	x		x		x	x	x	x	x (RIS)	x
APC 1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	-	x	x	x	x		x	x	x	x		x			x		
APC 2	22,0	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	-	x	x	x	x		x					x			x		

x = Certified as contrast color for hi-vis garments



# Product overview

## Flame retardant + Anti-static Workwear

**SIO-FLAME™**  
ANTI-STATIC

### SIO-FLAME™ ANTI-STATIC

35

**Novara**  
002VA2PIF



35

**Bardi**  
004VN2PIF



35

**Aversa**  
007VN2PIF



36

**Gimont**  
001VA2PIF



38

**Altea**  
003VN2PIF



38

**Alvito**  
005VN2PIF



40

**Ferrol**  
006VN2PIF



41

**SIO-FLAME™**  
MOLTEN METAL

### SIO-FLAME™ MOLTEN METAL

43

**Lonic**  
039VA2PIU

NEW



43

**Gulia**  
040VA2PIU

NEW



43



## ARC Workwear

**SIO-SAFE™**  
ESSENTIAL LIGHT

### SIO-SAFE™ ESSENTIAL LIGHT

55

**Ramea**

NEW

009VA2PFB



55

**Moreda**

NEW

012VN3PFB



55

**Devona**

NEW

017VN2PFB



56

**Macas**

NEW

018VN3PFB



56

**Vendat**

NEW

010VA2PFB



57

**Ambok**

NEW

013VN2PFB



57

**Laruns**

NEW

074VA2PIR



59
















**Barcus**

NEW

075VA2PIR



59

<p><b>Obera</b> 008VA2PFA</p>  <p>61</p>	<p><b>Zarate</b> 011VN2PFA</p>  <p>61</p>	<p><b>Valera</b> 014VN2PFA</p>  <p>63</p>	<p><b>Anaco</b> 016VN2PFA</p>  <p>63</p>	<p><b>Carlow</b> 017VN2PFA</p>  <p>64</p>
<p><b>Montero</b> 009VA2PFA</p>  <p>66</p>	<p><b>Corinto</b> 012VN3PFA</p>  <p>66</p>	<p><b>Oroya</b> 072VA2PFA</p> <p>NEW</p>  <p>67</p>	<p><b>Casma</b> 073VA2PFA</p> <p>NEW</p>  <p>67</p>	
<p><b>Millau</b> 010VA2PFA</p>  <p>68</p>	<p><b>Royan</b> 013VN2PFA</p>  <p>69</p>	<p><b>Bayonne</b> 015VN2PFA</p>  <p>70</p>	<p><b>Autun</b> 018VN3PFA</p>  <p>70</p>	
<p><b>Kasie</b> 066VA2PFA</p> <p>NEW</p>  <p>73</p>	<p><b>Lesha</b> 067VA2PFA</p> <p>NEW</p>  <p>73</p>			



**SIO-SAFE™**  
EXTRA LIGHT

## SIO-SAFE™ EXTRA LIGHT

75

**Orlu**

020VA2PIP

NEW



75

**Bakki**

022VN2PIP

NEW



75

**Mornant**

026VN2PIP

NEW



76

**Warwick**

892VC2PIP

NEW



76

**Ingon**

077VA2PIP

NEW



78

**Malton**

078VA2PIP

NEW



78

**Marrum**

850VA2PIP

NEW



79



# ARC Workwear

**SIO-SAFE™**  
EXTRA

**SIO-SAFE™ EXTRA**

**81**

<p><b>Modena</b> 019VA2PF9</p>  <p>81</p>	<p><b>Varese</b> 021VN2PF9</p>  <p>81</p>	<p><b>Gramat</b> 023VN2PF9</p>  <p>82</p>	<p><b>Couvin</b> 031VN2PF9</p>  <p>82</p>	<p><b>Sartis</b> 079VA2PF9</p> <p><b>NEW</b></p>  <p>83</p>
<p><b>Rumes</b> 080VA2PF9</p> <p><b>NEW</b></p>  <p>83</p>	<p><b>Reggio</b> 020VA2PF9</p>  <p>84</p>	<p><b>Matour</b> 022VN2PF9</p>  <p>85</p>	<p><b>Ambier</b> 024VN2PF9</p>  <p>86</p>	<p><b>Fareins</b> 026VN2PF9</p>  <p>86</p>
<p><b>Larrau</b> 020VA2PFD</p>  <p>88</p>	<p><b>Guardo</b> 026VN2PFD</p>  <p>90</p>	<p><b>Arudy</b> 022VN2PFD</p>  <p>90</p>	<p><b>Viana</b> 024VN2PFD</p>  <p>91</p>	



**SIO-SAFE™**  
SUPRA

**SIO-SAFE™ SUPRA**

**93**

**Godern**

**NEW**

057VA2PIT



93

**Hanfeld**

**NEW**

058VA2PIT



93

**Lobau**

**NEW**

059VA2PIT



94

**Karden**

**NEW**

060VA2PIT



95

**Pathal**

**NEW**

061VA2PFD



97

**Leste**

**NEW**

062VA2PFD



97

**Perkam**

YMB00000C



98

**Atting**

**NEW**

877VA2ZZD



99



**MULTI-NORM | ARC WORKWEAR**

# Flame retardant and Anti-static workwear

*Despite of all preventive measures, the risk of an explosion cannot always be excluded in some industries. One of the biggest risks is the built up of static electricity on the clothing surface. Sioen cares for your safety and has developed a workwear range which is flame retardant and anti-static without losing.*

## **Designed for safety.**

The Sioen FR AST Workwear products correspond to the latest standards with regards to safety in work environments. Although the garments are made of light fabrics, they offer a very high degree of protection. The Sioen experts also developed garments that protect you against splashes of molten metals.

## **Designed for comfort.**

When working in dangerous environments you want to feel comfortable. That is why Sioen has used light and flexible fabrics for its FR AST workwear collection.

## **Keep it layered!**

We recommend you to always wear several layers of clothing. When you dress in layers, you will never overdress and you can choose the right protection for every situation. Combine the FR AST workwear with a FR AST base layer and thermal layer for optimal protection and comfort.







# Sio-Flame™ Anti-Static

**A flame retardant treated  
cotton fabric.**

Sio-Flame™ Anti-static is a comfortable and breathable fabric with good moisture management properties, non-allergic and harmless to the skin. It can be washed using conventional methods of industrial laundering and can also be dry cleaned. Sio-Flame™ Anti-static offers safety and comfort at a reasonable price.





## Novara - 002VA2PIF

### Flame retardant, anti-static offshore jacket

The Novara is a comfortable one-color jacket. The breathable fabric ensures comfort and the flame retardant and anti-static properties of this tailored jacket give you an optimal feeling of protection. Reinforced seams and double-stitched reflective FR strips ensure increased durability and a longer lifespan of your jacket. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).




#### Fabric:

Sio-Flame™ Anti-Static: 99% FR cotton + 1% AST;  $\pm 340 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

		
EN ISO 11612: 2008	EN ISO 11611: 2007	EN 1149-5: 2008
A1 B1 C1 E1 F1	Class 1 - A1	



**SIO-FLAME™**  
ANTI-STATIC



## Bardi - 004VN2PIF

### Flame retardant, anti-static offshore trousers

Durable, breathable, non-allergenic, flame retardant and anti-static: our Bardi trousers offer you optimal protection. The Bardi is equipped with double stitched reflective strips, an elastic waist with loops for a belt and several pockets both front, back and on the side. The Novara jacket fits perfectly with these trousers. Available in EUR: Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).




#### Fabric:

Sio-Flame™ Anti-Static: 99% FR cotton + 1% AST;  $\pm 340 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

		
EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2015
A1 B1 C1 E1 F1	Class 1 - A1	



**SIO-FLAME™**  
ANTI-STATIC






## Flame retardant, anti-static offshore coverall

**Fabric:**

## Colour

### European Standards:

		
EN ISO 11612: 2008	EN ISO 11611 2007	EN 1149-5: 2008
A1 B1 C1 E1 F1	Class 1 - A1	

**SIO-FLAME™**  
ANTI-STATIC







Double stitched (2x2) flame retardant reflective striping (50mm)



2 side slits

## Gimont - 001VA2PIF

### Flame retardant, anti-static jacket

Comfortable, flame retardant and anti-static. Those are the core features of the Gimont jacket which optimally protects you. This jacket is made from breathable fabric that has moisture-regulating properties. It is non-allergenic and harmless to your skin. Reinforced seams provide increased durability and a longer lifespan. For your convenience, it has a loop on the outside that can be used for a gas detection meter or other gear. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).




#### Fabric:

Sio-Flame™ Anti-Static: 99% FR cotton + 1% AST;  $\pm 340 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

		
EN ISO 11612:2008	EN ISO 11611:2007	EN 1149-5:2008
A1 B1 C1 E3 F1	Class 1 - A1	



**SIO-FLAME™**  
ANTI-STATIC

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1788490 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100

## Altea - 003VN2PIF

### Flame retardant, anti-static trousers

Durable and comfortable trousers with handy ruler pocket, made from a breathable fabric with moisture-regulating properties. Non-allergenic and harmless to your skin. Reinforced seams ensure increased durability and a longer lifespan of your flame retardant and anti-static Altea. These trousers are often worn in combination with the Gimont jacket. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).




#### Fabric:

Sio-Flame™ Anti-Static: 99% FR cotton + 1% AST;  $\pm 340 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

		
EN ISO 11612:2008	EN ISO 11611:2007	EN 1149-5:2008
A1 B1 C1 E3 F1	Class 1 - A1	



**SIO-FLAME™**  
ANTI-STATIC

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1788490 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100







## Alvito - 005VN2PIF

### Flame retardant, anti-static bib & brace

One-color bib and brace made from breathable, non-allergenic fabric with moisture-regulating properties. Reinforced seams ensure increased durability and a longer lifespan. Both the braces and the waist are elastically adjustable for optimal wearing comfort. These flame-retardant and anti-static bib and brace protect you and give you a feeling of safety. Available in EUR: Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).




#### Fabric:

Sio-Flame™ Anti-Static: 99% FR cotton + 1% AST;  $\pm 340 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

		
EN ISO 11612: 2008	EN ISO 11611: 2007	EN 1149-5: 2008
A1 B1 C1 E3 F1	Class 1 - A1	

**SIO-FLAME™**  
ANTI-STATIC



OEKO-TEX®  
STANDARD 100  
1798040 Certificate  
Tested for harmful substances  
www.oeko-tex.com/standard100





## **Ferrol - 006VN2PIF**

### **Flame retardant, anti-static coverall**

Comfortable single-color coverall made from a breathable and non-allergenic fabric with moisture-regulating properties. Reinforced seams provide increased durability and a longer lifespan, and with both chest and side pockets, a back pocket and ruler pocket, this flame retardant and anti-static Ferrol coverall is a very practical piece of clothing that contributes to your safety. Available in EUR: Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).




#### **Fabric:**

Sio-Flame™ Anti-Static: 99% FR cotton + 1% AST;  $\pm 340 \text{ g/m}^2$

#### **Colour**

B98 Navy Blue

#### **European Standards:**

		
EN ISO 11612: 2008	EN ISO 11611 2007	EN 1149-5: 2008
A1 B1 C1 E1 F1	Class 1 - A1	



**SIO-FLAME™**  
ANTI-STATIC









**NEW** **Lonic** - 039VA2PIU

**Jacket with protection against molten metals**

The Lonic is the perfect protective jacket when working with molten metals. Made from a light and supple but inherently flame-retardant fabric, this jacket offers excellent protection against molten aluminium (D3) and steel (E3). The jacket is lined with reinforced and sloped seams, which significantly increases durability and wear resistance and also reduces the risk of molten metal sticking to the seams. The standing collar and the sleeve narrowing provide extra protection. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).




**Fabric:**

Sio-Flame™ Molten Metal: 54% Lenzing FR - 20% Wool - 20% Polyamide - 5% Aramid + AST;  $\pm 375 \text{ g/m}^2$

**Colour**

141 Red/Navy

**European Standards:**

		
EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008
A1 A2 B1 C1 D3 E3 F1	Class 2 - A1/A2	

**SIO-FLAME™**  
MOLTEN METAL



**NEW** **Gulia** - 040VA2PIU

**Trousers with protection against molten metals**

The Gulia trousers are ideally suited for protection against the risks of working with molten metals. With five pockets this is a very practical pair of trousers. Made from a light and supple but inherently flame-retardant fabric, these trousers offer excellent protection against molten aluminium (D3) and steel (E3). The Gulia has reinforced and sloping seams which significantly increases the lifespan and wear resistance and reduces the risk of molten metal standing on the seams. The trousers are made of a light and supple fabric that is inherently flame retardant. Thanks to the breathable, non-allergenic fabric, these trousers are extremely comfortable. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).




**Fabric:**

Sio-Flame™ Molten Metal: 54% Lenzing FR - 20% Wool - 20% Polyamide - 5% Aramid + AST;  $\pm 375 \text{ g/m}^2$

**Colour**

141 Red/Navy

**European Standards:**

		
EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008
A1 A2 B1 C1 D3 E3 F1	Class 2 - A1/A2	

**SIO-FLAME™**  
MOLTEN METAL





# ARC Workwear

*The Sioen workwear layer is designed to combine optimal (multinorm) protection and wearer comfort at the same time. All garments comply to several safety norms protecting the wearer of multiple risks on a daily basis. Because comfortable workwear offering the highest protection is so important for every worker, Sioen now also designed ladies workwear for a comfortable feeling in hazardous situations.*

## **Designed for safety.**

When you have to work in dangerous surroundings, you want to feel comfortable to do so. Sioen has used supple and breathable fabrics in the ARC workwear collection so the wearer can fully concentrate on his/her dangerous tasks.

## **Designed for protection.**

The Sioen workwear collection complies to a wide range of safety standards, including protection against the risks of electrical flashovers. Wearing the correct protective clothing significantly increases the chances of survival of the worker.

## **Keep it layered!**

We recommend you to always wear several layers of clothing so you can dress to the weather and to the existing safety risks. When you combine layers, you combine comfort and protection.





# ARC Configurator

**Increase the level  
of ARC protection by  
multi-layering garments.**

When selecting personal protective clothing to be worn in multi-risk environments it is important that not only the outer shell offers the required protection for that work environment. Also the layers underneath must offer extra protection for the worker in case the hazard penetrates the outer layers.



# When combining different layers of garments the level of protection increases.

## 1. ARC Bodywear

The perfect protective base layer that keeps you dry and warm

## 2. ARC Thermal wear

Keeps you warm and also conforms to multi-norm standards

## 3. ARC Workwear

Our multi-norm workwear combines optimal protection and wearer comfort

## 4. ARC Rainwear

Our rainwear keeps you protected and weatherproof

A higher level of ARC protection can be obtained by combining and wearing different ARC protective garments together. Also the air in between the different garment acts as a thermal insulator offering increased protection against the thermal effects of an ARC flash.

Using this type of multiple layer solutions offers a high degree of flexibility for workers.

For example when an ARC Class 1 longsleeved polo-shirt is worn together with ARC Class 1 workwear the ARC Class 2 protection level is reached. Thus increasing the level of protection offered by the combination of these garments.

When doing other maintenance work where no ARC Class 2 is required, according to the safety risk analysis, the worker can take off one of the garments, thus going back to an ARC Class 1 level of protection.

Other companies use the ATPV or Elim value to establish the required level of protection of the worker exposed to the thermal risks of an ARC. Each garment has a value of ATPV or Elim. **The higher this value the higher level of protection shall be offered to the worker in case of exposure to these kind of risks. When combining two garments together the ATPV/Elim value of the combination will be higher than the sum of the separate values.**



Please find an overview on the next page for the combinations of Sioen ARC Class 1 garments that offer ARC Class 2 protection when wearing them together. The values for the combinations in bold have been fully tested. The values in italic are deductions achieved by adding up the values of the individual garments.





# ARC Configurator

Some examples with ARC Bodywear as a first layer

Example 01

First layer		Second layer	
Shirt - 068VA2PIC		Softshell - 9633N2TV4	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 6,4 cal/cm <sup>2</sup> (EBT)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 24,3 cal/cm <sup>2</sup> (ATPV)
068VA2PIC + 9633N2TV4			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 33,2 cal/cm <sup>2</sup> (ATPV)	

Example 02

First layer		Second layer	
Polo-shirt - 542AA2MR2		Workwear - 010VA2PFA	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 7,4 cal/cm <sup>2</sup> (EBT)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 15,2 cal/cm <sup>2</sup> (ATPV)
542AA2MR2 + 010VA2PFA			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 44,8 cal/cm <sup>2</sup> (ATPV)	

# First layer: ARC Bodywear

Please find below the configuration options which are possible when using ARC Bodywear as a first layer in your multi-layer garment configuration.

First layer			+	Second layer			=	Combination						
Type	Weight	Styles		Type	Weight	Styles		ATPV/EBT (cal/cm²)	PPE Category	ELIM	HAF %	LOI %	ARC CL 1	ARC CL 2
Underwear AMF2	220 g/m²	462A, 560A, 559A, 463A		Polo-shirts AMR2	220 g/m²	496A, 527A, 542A		<b>15,2 (EBT)</b>	<b>2</b>	<b>14</b>	<b>89</b>			
				Shirts APIC	180 g/m²	065V, 068V		<i>12,1</i>	<i>2</i>					
				Sweater AMR3	300 g/m²	549A		<b>30,8 (EBT)</b>	<b>3</b>	<b>29</b>	<b>92,5</b>			
				Sio-Safe™ Extra Light APIP	260 g/m²	020V, 022V, 026V, 077V, 078V, 850V, 892V		<b>27</b>	<b>3</b>	<b>25</b>				
Polo-shirts AMR2	220 g/m²	496A, 527A, 542A		Shirts APIC	180 g/m²	065V, 068V		<i>13,8</i>	<i>2</i>					
				Sweater AMR3	300 g/m²	549A		<i>22,2</i>	<i>2</i>					
				Fleece jackets ATF5	310 g/m²	7690, 9854, 9896		<b>38,4</b>	<b>3</b>	<b>31,3</b>	<b>92,3</b>			
				Softshells ATV4	350 g/m²	9633, 9634, 9632		<b>44,9</b>	<b>4</b>	<b>42,2</b>	<b>93,2</b>			•
				Sio-Safe™ Essential APFA	350 g/m²	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V		<b>44,8</b>	<b>4</b>	<b>41</b>	<b>94,2</b>			•
				Sio-Safe™ Extra APF9	300 g/m²	019V, 020V, 026V, 031V		<i>16,2</i>	<i>2</i>					•
				Sio-Safe™ Extra APFD	320 g/m²	020V, 026V		<i>16,2</i>	<i>2</i>					•
				Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		<i>47,9</i>	<i>4</i>					•
Shirts APIC	180 g/m²	065V, 068V		Sweater AMR3	300 g/m²	549A		<i>21,2</i>	<i>2</i>					
				Fleece jackets ATF5	310 g/m²	7690, 9854, 9896		<i>17,1</i>	<i>2</i>					
				Softshells ATV4	350 g/m²	9633, 9634, 9632		<b>33,2</b>	<b>3</b>	<b>28,9</b>	<b>92,4</b>			•
				Sio-Safe™ Essential APFA	350 g/m²	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V		<b>21</b>	<b>2</b>	<b>19</b>				•
				Sio-Safe™ Extra APF9	300 g/m²	019V, 020V, 026V, 031V		<b>18</b>	<b>2</b>	<b>16</b>				•
				Sio-Safe™ Extra APFD	320 g/m²	020V, 026V		<i>15,2</i>	<i>2</i>					
				Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		<i>46,9</i>	<i>4</i>					•

Some examples with ARC Bodywear as a first layer



**Bold & •** = Tested  
*Italic & •* = Deducted





# ARC Configurator

Some examples with ARC Thermal wear as a first layer



Example 01

First layer		Second layer	
Sweater - 549AA2MR3		Sio-Safe™ Essential - 009VA2PFA	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 14,8 cal/cm <sup>2</sup> (ATPV)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 15,2 cal/cm <sup>2</sup> (ATPV)
549AA2MR3 + 009VA2PFA			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 50,2 cal/cm <sup>2</sup> (EBT)	

Example 02

First layer		Second layer	
Fleece - 9896N2TF5		Sio-Safe™ Essential - 010VA2PFA	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 10,7 cal/cm <sup>2</sup> (EBT)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 15,2 cal/cm <sup>2</sup> (ATPV)
9896N2TF5 + 010VA2PFA			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 25,9 cal/cm <sup>2</sup> (ATPV)	

Example 03

First layer		Second layer	
Softshell - 9633N2TV4		Sio-Safe™ Extra 020VA2PF9	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 24,3 cal/cm <sup>2</sup> (ATPV)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 8,8 cal/cm <sup>2</sup> (ATPV)
9633N2TV4 + 020VA2PF9			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 38 cal/cm <sup>2</sup> (ATPV)	

# First layer: ARC Thermal wear

Please find below the configuration options which are possible when using ARC Thermal wear as a first layer in your multi-layer garment configuration.

First layer			+	Second layer			=	Combination						
Type	Weight	Styles		Type	Weight	Styles		ATPV/EBT (cal/cm²)	PPE Category	ELIM	HAF %	LOI %	ARC CL 1	ARC CL 2
Sweater AMR3	300 g/m²	549A		Sio-Safe™ Essential APFA	350 g/m²	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V		<b>50,2 (EBT)</b>	<b>4</b>	<b>46</b>	<b>95,8</b>			•
				Sio-Safe™ Extra APF9	300 g/m²	019V, 020V, 026V, 031V		23,6	3					
				Sio-Safe™ Extra APFD	320 g/m²	020V, 026V		23,6	2					
				Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		55,3	4					•
Fleeces ATF5	310 g/m²	7690, 9854, 9896		Sio-Safe™ Essential APFA	350 g/m²	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V		25,9	3					•
				Sio-Safe™ Extra APF9	300 g/m²	019V, 020V, 026V, 031V		19,5	2					
				Sio-Safe™ Extra APFD	320 g/m²	020V, 026V		19,5	2					
				Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		51,2	4					•
Softshells ATV4	350 g/m²	9633, 9634		Sio-Safe™ Essential APFA	350 g/m²	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V		39,5	3					•
				Sio-Safe™ Extra APF9	300 g/m²	019V, 020V, 026V, 031V		<b>38</b>	<b>3</b>	<b>32</b>				•
				Sio-Safe™ Extra APFD	320 g/m²	020V, 026V		33,1	3					•
				Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		64,8	4					•
				Siopor® Excell AET1 + APVF	400 g/m²	7227		<b>60</b>	<b>4</b>	<b>51,6</b>	<b>95,3</b>			
				Siopor® Excell AET2	270g/m²	7329, 7330, 7331, 7429, 7430		<b>51,65</b>	<b>4</b>	<b>45</b>				•

Test results with ARC Thermal wear as a first layer



**Bold & •** = Tested  
*Italic & •* = Deducted





# ARC Configurator

Some examples with ARC Workwear as a first layer

Example 01

First layer		Second layer	
Sio-Safe™ Essential - 010VA2PFA		Sio-Safe™ Aqua - 7227A2LK2	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 15,2 cal/cm <sup>2</sup> (ATPV)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 31,9 cal/cm <sup>2</sup> (ATPV)
010VA2PFA + 7227A2LK2			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 55,2 cal/cm <sup>2</sup> (ATPV)	

Example 02

First layer		Second layer	
Sio-Safe™ Extra - 019VA2PF9		Sio-Safe™ Aqua - 7227A2LK2	
			
IEC 61482-1-2: Class 1	IEC 61482-1-1: 8,8 cal/cm <sup>2</sup> (ATPV)	IEC 61482-1-2: Class 1	IEC 61482-1-1: 31,9 cal/cm <sup>2</sup> (ATPV)
019VA2PF9 + 7227A2LK2			
IEC 61482-1-2: Class 2		IEC 61482-1-1: 49,3 cal/cm <sup>2</sup> (ATPV)	

# First layer: ARC Workwear

Please find below the configuration options which are possible when using ARC workwear as a first layer in your multi-layer garment configuration.

First layer			+	Second layer			=	Combination						
Type	Weight	Styles		Type	Weight	Styles		ATPV/ EBT (cal/cm²)	PPE Cate- gory	ELIM	HAF %	LOI %	ARC CL 1	ARC CL 2
Sio-Safe™ Essential APFA	350 g/m²	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V		Siopor® Excell AET2	270 g/m²	7329, 7330, 7331, 7429, 7430		<b>51,65</b>	<b>4</b>	<b>45</b>				•
				Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		<b>55,2</b>	<b>4</b>	<b>49,3</b>	<b>96</b>			•
				Sio-Safe™ Aqua ALE9	335 g/m²	7240		<i>64,4</i>	<i>4</i>	<i>54</i>	<i>95,6</i>			
Sio-Safe™ Extra APF9	300 g/m²	019V, 020V, 026V, 031V		Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		<i>49,3</i>	<i>4</i>					•
Sio-Safe™ Extra APFD	320 g/m²	020V, 026V		Sio-Safe™ Aqua ALK2 + ASR7	500 g/m²	7227, 1005, 7241		<i>49,3</i>	<i>4</i>					•

Test results with ARC Workwear as a first layer

**Bold & •** = Tested  
*Italic & •* = Deducted



# Sio-Safe™ Essential Light

## Lightweight flame retardant cotton-polyester fabric.

Our Sio-Safe™ Essential Light range combines optimal wearing comfort with essential protection. The cotton-polyester fabric is flame retardant with good moisture management properties. The durable but light fabric (260 g/m<sup>2</sup>) is very pleasant to wear and still offers outstanding protection against molten metal splashes.



**NEW** **Ramea** - 009VA2PFB

### Offshore jacket with ARC protection

This one-color jacket with arc protection features double-stitched reflective FR strips on the shoulders and arms and protects against heat and metal splashes. The jacket is made from a breathable, non-allergenic, lightweight (260 g/m<sup>2</sup>) fabric with moisture-regulating properties. The extended back further increases comfort. With two loops for gas detection meters, two patched chest pockets and two slanted pockets with concealed press studs closure, this is an extremely practical flame retardant and anti-static jacket. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).







**Fabric:**

Sio-Safe™ Essential Light: 79% FR cotton + 20% PES + 1% AST;  
± 260 g/m<sup>2</sup>

**Colour**

B98 Navy Blue

**European Standards:**

					
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 1 ATPV 9.4 cal/cm²	A1 A2 B1 C1 E2 F1	Index 3	Class 1 - A1/A2		Type PB [B]

**SIO-SAFE™**  
ESSENTIAL LIGHT



**NEW** **Moreda** - 012VN3PFB

### Offshore trousers with ARC protection

Lightweight, but durable, these comfortable arc trousers with double-stitched reflective FR strips on the leg ends protect you against the risks of electric arcs, heat and metal splashes. These practical trousers with two inset pockets, one back pocket, one ruler pocket and an extra thigh pocket feel comfortable thanks to the breathable non-allergenic fabric and with a weight of 260 g/m<sup>2</sup> they are very light and comfortable to wear. For your convenience, there are also knee pockets in which knee protection can be inserted, and the elastic waist has belt loops. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).







**Fabric:**

Sio-Safe™ Essential Light: 79% FR cotton + 20% PES + 1% AST;  
± 260 g/m<sup>2</sup>

**Colour**

B98 Navy Blue

**European Standards:**

					
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 1 ATPV 9.4 cal/cm²	A1 A2 B1 C1 E2 F1	Index 3	Class 1 - A1/A2		Type PB [B]

**SIO-SAFE™**  
ESSENTIAL LIGHT





**NEW** *Devona* - 017VN2PFB

### Offshore coverall with ARC protection

This durable and multifunctional arc coverall features six different pockets on the outside and one on the inside. This model with double-stitched reflective FR strips is made from a very light fabric weighing only 260 g/m<sup>2</sup>. At the same time, the fabric is very breathable and supple, flame-retardant, anti-static and offers you excellent protections against heat and metal splashes. For extra comfort and a good fit the waist can be adjusted, the sleeves can be narrowed by using press studs and knee protection can be pushed into the knee pockets. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential Light: 79% FR cotton  
+ 20% PES + 1% AST; ± 260 g/m<sup>2</sup>

#### Colour

B98 Navy Blue

#### European Standards:

Class 1 ATPV 9.4 cal/cm <sup>2</sup>	A1 A2 B1 C1 E2 F1	Index 3	Class 1 - A1/A2		Type 6

**SIO-SAFE™**  
ESSENTIAL LIGHT

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
STANDARD 100  
1708540 CertiControl  
Tested for harmful substances.  
www.oeko-tex.com/standard100



**NEW** *Macas* - 018VN3PFB

### Hi-vis coverall with ARC protection

Safety and wearing comfort are the two main assets of this hi-vis coverall. Safety: arc protection, flame retardant, anti-static, heat and metal splash resistant, with double-stitched reflective FR strips. Wearing comfort: very light fabric (260 g/m<sup>2</sup>, breathable, supple fabric with moisture-regulating properties, sleeve narrowing with press studs, adjustable elastic waist and knee pockets for knee protection. This extremely practical coverall has it all: 2 radio loops, seven pockets on the outside and one on the inside! Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential Light: 79% FR cotton  
+ 20% PES + 1% AST; ± 260 g/m<sup>2</sup>

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

Class 1 ATPV 9.4 cal/cm <sup>2</sup>	A1 A2 B1 C1 E2 F1	Index 3	Class 1 - A1/A2		Type 6	

**SIO-SAFE™**  
ESSENTIAL LIGHT

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
STANDARD 100  
1708540 CertiControl  
Tested for harmful substances.  
www.oeko-tex.com/standard100



**NEW** **Vendat** - 010VA2PFB

### Hi-vis jacket with ARC protection

This multifunctional hi-vis arc jacket attracts attention: double stitched reflective FR strips, two patched chest pockets and two regular pockets with concealed press studs closure and a finish with piping in contrasting colour. The breathable and very light (260 g/m<sup>2</sup>) fabric with moisture-regulating properties gives you a pleasant feeling while still providing excellent protection against heat and metal splashes. In addition, this lightweight arc jacket is anti-static. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).








#### Fabric:

Sio-Safe™ Essential Light: 79% FR cotton  
+ 20% PES + 1% AST; ± 260 g/m<sup>2</sup>

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

						
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 14116: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016
Class 1 ATPV 9.4 cal/cm <sup>2</sup>	A1 A2 B1 C1 E2 F1	Index 3	Class 1 - A1/A2		Type PB [B]	



**SIO-SAFE™**  
ESSENTIAL LIGHT

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1798690 Controlled  
Tested for harmful substances  
www.oeko-tex.com/standard100

**NEW** **Ambok** - 013VN2PFB

### Hi-vis trousers with ARC protection

These comfortable hi-vis trousers with double stitched reflective FR strips are made from a breathable, supple and very lightweight (260 g/m<sup>2</sup>) fabric with moisture-regulating properties. These multifunctional arc trousers have 2 side pockets, 1 back pocket, 1 thigh pocket and knee pockets for knee protection. They are antistatic and protect against heat and metal splashes. The reinforced seams guarantee a long service life and a high wear resistance. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).








#### Fabric:

Sio-Safe™ Essential Light: 79% FR cotton  
+ 20% PES + 1% AST; ± 260 g/m<sup>2</sup>

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

						
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 14116: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016
Class 1 ATPV 9.4 cal/cm <sup>2</sup>	A1 A2 B1 C1 E2 F1	Index 3	Class 1 - A1/A2		Type PB [B]	



**SIO-SAFE™**  
ESSENTIAL LIGHT

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1798690 Controlled  
Tested for harmful substances  
www.oeko-tex.com/standard100





## NEW **Laruns** - 074VA2PIR

### Jacket with ARC protection

Your work clothes do not need to comply to EN ISO 20471 but you would still like a touch of high visibility? Then the Laruns jacket is the answer to your question. This multi-norm jacket in navy has stylish splashes of hi-vis yellow and reflective material. It also complies to many international standards like IEC 61482-2, EN ISO 11612, EN ISO 11611, EN 1149-5 and EN 13034. The jacket has an extended back making it more comfortable. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

24% PES + 75% cotton + 1 AST;  $\pm 250 \text{ g/m}^2$

#### Colour

217 Sailor blue/Hi-vis yellow

#### European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005+A1:2009
Class 1 ATPV 0.4 cal/cm <sup>2</sup>	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]



## NEW **Barcus** - 075VA2PIR

### Trousers with ARC protection

The Barcus trousers offer a wide range of protection and although they are made of a lighter fabric they comply with many standards such as IEC 61482-2, EN ISO 11612, EN ISO 11611, EN 1149-5 and EN 13034. These trousers are not only practical with their high level of protection and multiple pockets, they also look good with several patches of hi-vis yellow and reflective material. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

24% PES + 75% cotton + 1 AST;  $\pm 250 \text{ g/m}^2$

#### Colour

217 Sailor blue/Hi-vis yellow

#### European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005+A1:2009
Class 1 ATPV 0.4 cal/cm <sup>2</sup>	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]





# Sio-Safe™ Essential

## Durable flame retardant treated cotton-polyester fabric.

Sio-Safe™ Essential is a flame retardant treated cotton-polyester fabric with good moisture management properties. It is also non-allergic and harmless to the skin. The garments can be washed at home and are also resistant to industrial laundering. The flame retardant properties of this fabric remain intact even after 50 industrial washes. Sio-Safe™ Essential also offers an outstanding molten metal splash protection making these garments suited for welding activities.

Fabric specs: 79% FR cotton + 20% PES +1% AST;  
satin 4.1; weight:  $\pm 350 \text{ g/m}^2$

## Obera - 008VA2PFA

### Jacket with ARC protection

This one-color jacket offers excellent protection against electric arcs, heat and metal splashes. Made from a breathable, non-allergenic fabric with excellent moisture management, this flame-retardant anti-static tailored jacket feels very comfortable. Reinforced seams ensure a longer lifespan and higher wear resistance. The pocket flaps of the two chest pockets and the two side pockets are lined with a reflective piping. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton  
+ 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

H46 Royal Blue  
B98 Navy Blue  
M44 Grey

#### European Standards:

IEC 61482-2:2009 Class 1 ATPV 15.2 cal/cm²	EN ISO 11612:2015 A1 A2 B1 C1 E3 F1	EN ISO 15811:2015 Class 1 - A1/A2	EN 1149-5:2008	EN 13034:2005 +A1:2009 Type PB [6]

**SIO-SAFE™**  
ESSENTIAL

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1798040 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100



## Zarate - 011VN2PFA

### Trousers with ARC protection

Multifunctional and anti-static arc trousers that provide excellent protection against arcs, heat, and metal splashes. The trousers are made of a breathable and non-allergenic fabric and are very practical with two inset pockets with flap, one back pocket, one thigh pocket and one ruler pocket with concealed press stud fastening and reflective piping on the pocket flap. The trousers are provided with knee pockets where knee protection can be inserted. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton  
+ 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

H46 Royal Blue  
B98 Navy Blue  
M44 Grey

#### European Standards:

IEC 61482-2:2009 Class 1 ATPV 15.2 cal/cm²	EN ISO 11612:2015 A1 A2 B1 C1 E3 F1	EN ISO 15811:2015 Class 1 - A1/A2	EN 1149-5:2008	EN 13034:2005 +A1:2009 Type PB [6]

**SIO-SAFE™**  
ESSENTIAL

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1798040 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100









## Valera - 014VN2PFA

### Bib & brace with ARC protection

These comfortable bib and brace with arc protection offer excellent protection against electric flashovers, heat and metal splashes. Made from a breathable but durable, non-allergenic fabric with moisture-regulating properties. One-color flame retardant anti-static trousers with reflective piping on the pocket flap, and several multifunctional pockets. Both the braces and the waist are elastically adjustable. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$






#### Colour

B98 Navy Blue

M44 Grey

H46 Royal Blue

#### European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 + A1:2009
Class 1	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]
ATPV 15,2 cal/cm²				

**SIO-SAFE™**  
ESSENTIAL



OEKO-TEX®  
CONFIRMED BY TESTS  
**STANDARD 100**  
1798040 Certificate  
Tested for harmful substances.  
www.oeko-tex.com/standard100

## Anaco - 016VN2PFA

### Coverall with ARC protection

This extremely practical coverall with arc protection is equipped with no less than seven pockets on the outside and one on the inside. Two loops for gas detection meters and the knee pockets to slide in extra protection are a handy bonus. The Anaco coverall is not only flame retardant and anti-static, but offers excellent protection against heat and metal splashes. The supple, breathable fabric with moisture-regulating properties contributes to the wearing comfort. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 + A1:2009
Class 1	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type 6
ATPV 15,2 cal/cm²				

**SIO-SAFE™**  
ESSENTIAL



OEKO-TEX®  
CONFIRMED BY TESTS  
**STANDARD 100**  
1798040 Certificate  
Tested for harmful substances.  
www.oeko-tex.com/standard100



## Carlow - 017VN2PFA

### Offshore coverall with ARC protection

This durable, multifunctional coverall with arc protection features six different pockets on the outside and one on the inside. This model with double-stitched reflective FR strips is made from a breathable and supple fabric with moisture-regulating properties and is flame-retardant, anti-static and offers excellent protection against heat and metal splashes. For your comfort, the sleeves can be narrowed using press studs and knee protection can be pushed into the knee pockets.

Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

B98 Navy Blue  
H46 Royal Blue  
C36 Orange  
R26 Red

#### European Standards:

				
IEC 61482-2: 2009 Class 1 ATPV 15.2 cal/cm²	EN ISO 11612: 2015 A1 A2 B1 C1 E3 F1	EN ISO 11611: 2015 Class 1 - A1/A2	EN 1149-5: 2008	EN 13034: 2005 +A1:2009 Type 6

**SIO-SAFE™**  
ESSENTIAL

Double stitched  
(2x2) flame retardant  
reflective striping  
(50mm)





1 ruler pocket with flap closed by concealed press studs



Sleeve narrowing by press studs



## Montero - 009VA2PEA

### Offshore jacket with ARC protection

This one-color jacket with arc protection features double-stitched reflective FR strips on the shoulders and arms and protects against heat and metal splashes. The jacket is made from a breathable, non-allergenic fabric with moisture-regulating properties. The extended back further increases comfort. With two loops for gas detection meters, two patched chest pockets and two slanted pockets with concealed press studs closure, this is an extremely practical flame retardant anti-static jacket. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton  
+ 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

M44 Grey  
B98 Navy Blue  
H46 Royal Blue

#### European Standards:

IEC 61482-2:2009 Class 1 ATPV 15.2 cal/cm²	EN ISO 11612:2015 A1 A2 B1 C1 E3 F1	EN ISO 11611:2015 Class 1 - A1/A2	EN 1149-5:2008 + A1:2009 Type PB [E]	EN 13034:2005 + A1:2009 Type PB [E]



**SIO-SAFE™**  
ESSENTIAL

OEKO-TEX®  
STANDARD 100  
100% Cotton  
Tested for harmful substances  
www.oeko-tex.com/standard100

## Corinto - 012VN3PEA

### Offshore trousers with ARC protection

Durable, one-color arc trousers with double-stitched reflective FR strips. The anti-static Corinto protects you against the risks of electric arcs, heat and metal splashes. These practical trousers with two inset pockets, one back pocket, one ruler pocket and an extra thigh pocket feel comfortable thanks to the breathable non-allergenic fabric. For your convenience, there are knee pockets in which knee protection can be inserted, and the elastic waist has belt loops. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton  
+ 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

B98 Navy Blue  
H46 Royal Blue  
M44 Grey

#### European Standards:

IEC 61482-2:2009 Class 1 ATPV 15.2 cal/cm²	EN ISO 11612:2015 A1 A2 B1 C1 E3 F1	EN ISO 11611:2015 Class 1 - A1/A2	EN 1149-5:2008 + A1:2009 Type PB [E]	EN 13034:2005 + A1:2009 Type PB [E]



**SIO-SAFE™**  
ESSENTIAL

OEKO-TEX®  
STANDARD 100  
100% Cotton  
Tested for harmful substances  
www.oeko-tex.com/standard100

**NEW** **Oroya** - 072VA2PFA

**Ladies jacket with ARC protection**

Sioen has designed workwear especially for women so that women too, can work comfortably in hazardous situations. The Oroya is a practical working jacket with 2 loops, 4 pockets on the outside and 1 on the inside and an extended back for extra comfort. This jacket offers protection against chemical and molten metal splashes, against heat and the risks of an electrical flashover. Available in EUR: 36 - 56. (For conversion to national sizing check the back of this catalogue).






**Fabric:**

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST; ± 350 g/m<sup>2</sup>

**Colour**

B98 Navy Blue

**European Standards:**

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 + A1:2009
Class 1 ATPV 15.2 cal/cm <sup>2</sup>	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]



**SIO-SAFE™**  
ESSENTIAL

**OEKO-TEX®**  
STANDARD 100  
170802 Certified  
Trusted for harmful substances  
www.oeko-tex.com/standard100

**NEW** **Casma** - 073VA2PFA

**Ladies trousers with ARC protection**

A comfortable pair of working trousers protecting women against the risks of an electrical flashover? Yes, at Sioen we make sure that women also, can work comfortably in hazardous situations. The Casma is a practical pair of trousers made out of breathable non-allergenic fabric and is equipped with 2 inset pockets, 1 back pocket, 1 ruler pocket and double-stitched reflective FR strips. For extra comfort, knee protection can be inserted. Available in EUR: 36 - 56. (For conversion to national sizing check the back of this catalogue).






**Fabric:**

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST; ± 350 g/m<sup>2</sup>

**Colour**

B98 Navy Blue

**European Standards:**

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 + A1:2009
Class 1 ATPV 15.2 cal/cm <sup>2</sup>	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]



**SIO-SAFE™**  
ESSENTIAL

**OEKO-TEX®**  
STANDARD 100  
170802 Certified  
Trusted for harmful substances  
www.oeko-tex.com/standard100



## Millau - 010VA2PFA

### Hi-vis jacket with ARC protection

Our multifunctional hi-vis jacket Millau attracts attention: double stitched reflective FR strips, two patched chest pockets and two regular pockets with concealed press studs closure and a finish with piping in contrasting colour. The breathable fabric with moisture-regulating properties gives you a pleasant feeling while still providing excellent protection against heat and metal splashes. In addition, this arc jacket is anti-static. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES  
+ 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

					
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016
Class 1 ATPV 15,2 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]	



**SIO-SAFE™**  
ESSENTIAL

OEKO-TEX®  
CONFIRMED BY TESTS  
**STANDARD 100**  
11909466 Certified  
Trusted for everyday applications  
www.oeko-tex.com/standard100



## Royan - 013VN2PFA

### Hi-vis trousers with ARC protection

These comfortable hi-vis trousers with double stitched reflective FR strips are made from a breathable, supple fabric with moisture-regulating properties. These multifunctional arc trousers have five pockets and knee pockets for knee protection. They are anti-static and protect against heat and metal splashes. The reinforced seams guarantee a long service life and a high wear resistance. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES  
+ 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

 IEC 61482-2: 2009 Class 1 ATPV 15.2 cal/cm²	 EN ISO 11612: 2015 A1 A2 B1 C1 E3 F1	 EN ISO 11611: 2015 Class 1 - A1/A2	 EN 1549-5: 2008	 EN 13034: 2005 +A1:2009 Type PB [6]	 EN ISO 20471: 2013 +A1:2016
---	---	---	---	--	---

**SIO-SAFE™**  
ESSENTIAL





## Bayonne - 015VN2PFA

### Hi-vis bib & brace with ARC protection

Combine optimal safety and wearing comfort with these hi-vis bib and brace. The breathable fabric with good moisture management is completely harmless to the skin. These comfortable bib and brace with arc protection are flame retardant, anti-static and offer excellent protection against arcs, heat and metal splashes. Reinforced seams increase the durability and wear resistance of the trousers. Equipped with six large multi-purpose pockets for storing things, and two knee pockets for knee protection. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

Class 1 ATPV 15.2 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]	

**SIO-SAFE™**  
ESSENTIAL



## Autun - 018VN3PFA

### Hi-vis coverall with ARC protection

Safety and wearing comfort are the two main assets of our Autun hi-vis coverall. Safety: arc protection, flame retardant, anti-static, heat and metal splash resistant, with double-stitched reflective FR strips. Wearing comfort: breathable, supple fabric with moisture-regulating properties, sleeve narrowing with press studs, adjustable elastic waist and knee pockets for knee protection. This extremely practical coverall has it all with no less than seven pockets on the outside and one on the inside! Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST;  $\pm 350 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

Class 1 ATPV 15.2 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type 6	

**SIO-SAFE™**  
ESSENTIAL











**NEW** ***Kasie*** - 066VA2PFA

**Ladies hi-vis jacket with ARC protection**

Comfortable hi-vis work clothing designed for ladies. This jacket with ARC protection, made of a breathable, non-allergenic flame-retardant fabric with moisture-regulating properties, features double-stitched reflective FR strips for increased visibility. The sleeves can be narrowed to protect your arms and with four pockets on the outside and one on the inside, this tailored jacket is not only beautiful but very practical, too. Available in EUR: 36 - 56. (For conversion to national sizing check the back of this catalogue).







**Fabric:**

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST; ± 350 g/m<sup>2</sup>

**Colour**

049 Hi-Vis Yellow/Navy

**European Standards:**

					
Class 1 ATPV 15.2 cal/cm <sup>2</sup>	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]	



**SIO-SAFE™**  
ESSENTIAL

**NEW** ***Lesha*** - 067VA2PFA

**Ladies hi-vis trousers with ARC protection**

The Lesha are hi-vis trousers with arc protection specially designed for women. The trousers are made of a soft, breathable fabric with good moisture-regulating features, harmless to the skin. These flame-retardant trousers, with double-stitched reflective FR strips protect you against heat and metal splashes while five pockets give you ample storage space. Make the trousers more comfortable by sliding knee protection into the provided knee pockets. Available in EUR: 36 - 56. (For conversion to national sizing check the back of this catalogue).







**Fabric:**

Sio-Safe™ Essential: 79% FR cotton + 20% PES + 1% AST; ± 350 g/m<sup>2</sup>

**Colour**

049 Hi-Vis Yellow/Navy

**European Standards:**

					
Class 1 ATPV 15.2 cal/cm <sup>2</sup>	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]	



**SIO-SAFE™**  
ESSENTIAL



# Sio-Safe™ Extra Light

**Inherently flame retardant,  
lightweight fabric.**

Thanks to the inherent flame retardant properties, our Sio-Safe™ Extra Light range offers excellent protection against burns and many other industrial hazards. The fabric is supple, durable and light (260 g/m<sup>2</sup>) but retains its strength and top-level protection even after extensive washing.



**NEW** **Orlu** - 020VA2PIP

### Hi-vis jacket with ARC protection

Made from an inherently flame-retardant, breathable and supple fabric, harmless to the skin, this jacket offers excellent arc protection, and protection against heat and metal splashes. It is equipped with double-stitched reflective FR strips for increased visibility. The tailored jacket is anti-static and resistant to wear, shrink and pilling, even after frequent washing. Because the fabric is so light (260 g/m<sup>2</sup>), this jacket is very comfortable. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).








**Fabric:**

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST; ± 260 g/m<sup>2</sup>

**Colour**

048 Hi-Vis Orange/Navvy

**European Standards:**

						
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009	EN ISO 20471:2013+A1:2016
Class 1 ATPV 0.9 cal/cm <sup>2</sup>	A1 B1 C1 F1	Index 3	Class 1 - A1		Type PB [S]	



**SIO-SAFE™**  
EXTRA LIGHT



**NEW** **Bakki** - 022VN2PIP

### Hi-vis trousers with ARC protection

These hi-vis trousers stand out with their double-stitched reflective FR strips and fluorescent colour. Although we use a light fabric (260 g/m<sup>2</sup>) the degree of protection remains high. These trousers with arc protection are anti-static and offer excellent protection against heat and metal splashes. In addition, these comfortable and practical trousers with five pockets are made from a light, inherently flame-retardant, breathable and supple fabric with moisture-regulating properties, harmless to the skin. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).








**Fabric:**

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST; ± 260 g/m<sup>2</sup>

**Colour**

048 Hi-Vis Orange/Navvy

**European Standards:**

						
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009	EN ISO 20471:2013+A1:2016
Class 1 ATPV 0.9 cal/cm <sup>2</sup>	A1 B1 C1 F1	Index 3	Class 1 - A1		Type PB [S]	



**SIO-SAFE™**  
EXTRA LIGHT





**NEW** **Mornant** - 026VN2PIP

**Hi-vis coverall with ARC protection**

Practical and multi-functional are two characteristics that apply to this hi-vis coverall with arc protection. Practical thanks to its many features like knee pockets, sleeve narrowing, adjustable elastic waist, many pockets and above all thanks to its light weight (260 g/m<sup>2</sup>). The double-stitched reflective FR strips make you visible so that you can safely do your work. The coverall is flame retardant and also protects you against heat and metal splashes. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

**Fabric:**

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST; ± 260 g/m<sup>2</sup>

**Colour**

048 Hi-Vis Orange/Navy

**European Standards:**

--	--	--	--	--	--	--

**SIO-SAFE™**  
EXTRA LIGHT



OEKO-TEX®  
STANDARD 100  
1708040 Certiqual  
Tested for harmful substances  
www.oeko-tex.com/standard100

**NEW** **Warwick** - 892VC2PIP

**Hi-vis coverall with ARC protection**

Protect yourself thoroughly while performing activities with a risk of an arc flashover. Our hi-vis Warwick coverall with straight collar and double stitched flame retardant reflective striping has sufficient storage space with 2 patched chest pockets, 2 patched slanted pockets, 1 ruler pocket, 1 back pocket, 1 thigh pocket, 1 inside pocket and 2 loops for gas detectors. Adjust the coverall for a perfect fit by means of sleeve narrowing by press studs and the adjustable elasticated waist. The coverall complies with many norms like IEC 61482-2, EN ISO 11612, EN ISO 11611, EN ISO 14116, EN1149-5, EN 13034 and EN ISO20471. Available in EUR: Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 60. (For conversion to national sizing check the back of this catalogue).

**Fabric:**

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST; ± 260 g/m<sup>2</sup>

**Colour**

FC1 Hi-Vis Orange

**European Standards:**

--	--	--	--	--	--	--

**SIO-SAFE™**  
EXTRA LIGHT







## NEW **Ingon** - 077VA2PIP

### Hi-vis jacket with ARC protection

The Ingon is a practical jacket with 2 radio loops, 4 pockets on the outside and 1 on the inside. The jacket is made from an inherently flame retardant fabric and offers excellent protection against severe body burns caused by the exposure to an electric arc or other industrial heat and flame hazards. The jacket complies to the EN ISO 20471 standard, class 3, for high visibility clothing. The fluorescent orange colour and the retro-reflective material make that the jacket also complies to RIS-3279-TOM. This is a high visibility standard that applies to the rail industry in the UK and wants to improve the visibility of people on or near the rail line. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST;  $\pm 260 \text{ g/m}^2$

#### Colour

FC1 Hi-Vis Orange

#### European Standards:

IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2006	EN 13034:2005 +A1:2009	EN ISO 20471:2013 +A1:2016
Class 1	A1 B1 C1 F1	Index 3	Class 1 - A1		Type PB [6]	



**SIO-SAFE™**  
EXTRA LIGHT

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
17884945 Certified  
Look for the label!  
www.oeko-tex.com/standard100

## NEW **Malton** - 078VA2PIP

### Hi-vis trousers with ARC protection

The Malton trousers are made of a soft, breathable and light but very protective fabric that retains its strength and protection even after extensive washing. The fabric protects you against heat, flames and chemical liquids and can be worn in many industrial environments. These hi-vis trousers also meet the requirements of the British RIS-3279-TOM standard for high visibility clothing worn by people in the rail industry and ensures that rail workers on or near the trackside are sufficiently visible to any traffic. Available in EUR: Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST;  $\pm 260 \text{ g/m}^2$

#### Colour

FC1 Hi-Vis Orange

#### European Standards:

IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2006	EN 13034:2005 +A1:2009	EN ISO 20471:2013 +A1:2016
Class 1	A1 B1 C1 F1	Index 3	Class 1 - A1		Type PB [6]	



**SIO-SAFE™**  
EXTRA LIGHT

**NEW** ***Marrum*** - 850VA2PIP

### Hi-vis coverall with ARC protection (RWS)

You cannot hide with the hi-vis Marrum coverall. The vertical stripes on the arms, shoulders and legs make that this coverall also complies to the Dutch RWS standard next to the international EN ISO 20471 standard. Thanks to the design and the fluorescent colour the coverall also complies to the British railway standard. This practical coverall with its many pockets has electrostatic properties and protects the wearer against the thermal hazards of an electric ARC, heat, flames and liquid chemicals. Thanks to the knee pockets the wearer can add knee protection for his/her comfort. In short, the perfect coverall for many types of work. Available in EUR: Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 54. (For conversion to national sizing check the back of this catalogue).








#### Fabric:

Sio-Safe™ Extra Light: 57% aramid + 42% polyester + 1% AST;  $\pm 260 \text{ g/m}^2$

#### Colour

FC1 Hi-Vis Orange

#### European Standards:

						
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 14116:2015	EN ISO 11611:2015	EN 1149-5:2006	EN 13034:2005 +A1:2009	EN ISO 20471:2013 +A1:2016
Class 1	A1 B1 C1 P1	Index 3	Class 1 - A1		Type 6	

**SIO-SAFE™**  
EXTRA LIGHT

OEKO-TEX®  
CONFIRMED IN TEXTILES  
**STANDARD 100**  
1796099 Certificate  
Valid for harmful substances  
www.oeko-tex.com/standard100





# Sio-Safe™ Extra

## **Inherent flame retardant properties which won't wash or wear out.**

Sio-Safe™ Extra is soft and supple and offers excellent protection against severe body burns caused by the exposure to an electric arc or other industrial heat and flame hazards. It offers significantly better moisture regulating properties in comparison with synthetic aramid fibres. This thanks to the special viscose fibres in the blend.

The garments retain their strength, colour and are dimensionally stable even after extensive industrial laundering. The FR properties of the fabric have been tested after 100 industrial washes (After 75 industrial washes for hi-vis styles).

Sio-Safe™ Extra is a blend of 54% modacryl - 45% viscose - 1% AST; twill 2.1; weight:  $\pm 300 \text{ g/m}^2$



## Modena - 019VA2PF9

### Jacket with ARC protection

This very comfortable jacket is made from a light, inherently flame-retardant, breathable and supple fabric with moisture-regulating properties, harmless to the skin. Modena is shrink and pilling resistant even after frequent washing. This jacket with arc protection is anti-static and offers excellent protection against heat and metal splashes. The extended back contributes to extra wearing comfort. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$

#### Colour

H46 Royal Blue  
B98 Navy Blue  
M44 Grey

#### European Standards:

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 1 ATPV 8.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]

**SIO-SAFE™  
EXTRA**

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1708461 CertiRed  
Tested for harmful substances  
www.oeko-tex.com/standard100



## Varese - 021VN2PF9

### Trousers with ARC protection

Are you looking for light and comfortable trousers that protect you from heat and metal splashes at the same time? The Varese, made from an inherently flame-retardant, breathable and supple fabric with moisture-regulating properties, is exactly what you are looking for. It is anti-static, offers arc protection and is resistant to shrinking and pilling. With five pockets and knee pockets for knee protection, this is a very functional pair of trousers. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$

#### Colour

B98 Navy Blue  
H46 Royal Blue  
M44 Grey

#### European Standards:

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 1 ATPV 8.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]

**SIO-SAFE™  
EXTRA**

OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
1708461 CertiRed  
Tested for harmful substances  
www.oeko-tex.com/standard100





## Gramat - 023VN2PF9

### Bib & brace with ARC protection

These very comfortable and practical bib and brace feels light and supple thanks to the breathable fabric with moisture-regulating properties. The fabric is anti-static and inherently flame retardant; it protects you against heat and metal splashes. In addition, the Gramat retains its strength, it does not shrink and is resistant to pilling even after frequent washing. Both the braces and the waist are elastic and adjustable. With six pockets you can certainly store all your tools in these handy bib and brace trousers. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$






#### Colour

B98 Navy Blue

M44 Grey

H46 Royal Blue

#### European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009
Class 1 ATPV 8.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]

**SIO-SAFE™**  
EXTRA



OEKO-TEX®  
CONFIRMED BY TESTING  
STANDARD 100  
17986401 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100

## Couvin - 031VN2PF9

### Coverall with ARC protection

The Couvin is a very comfortable coverall with arc protection made from a light, inherently flame-retardant, breathable and supple fabric with moisture-regulating properties, harmless to the skin. This anti-static coverall protects against heat and metal splashes and is shrink and pilling resistant, even after frequent washing. The double-stitched reflective FR strips ensure that you are visible. The many pockets, six on the outside, one on the inside, are extra just like the knee pockets in which you can slide knee protection for extra comfort! Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$

#### Colour

B98 Navy Blue

#### European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009
Class 1 ATPV 8.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type 6

**SIO-SAFE™**  
EXTRA



OEKO-TEX®  
CONFIRMED BY TESTING  
STANDARD 100  
17986401 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100

**NEW** **Sartis** - 079VA2PF9

**Jacket with ARC protection**

The Sartis jacket is a soft and comfortable jacket that offers protection against many industrial hazards such as protection against the thermal hazards of an electric ARC. The jacket has a stand up collar so your neck is protected. The elongated back tail ensures that there is sufficient overlap between jacket and trousers so your body is fully covered and protected. Flame retardant reflective stripes were added for some extra visibility. The jacket has also good moisture regulating properties thanks to a special blend of fibres that was used. In short, the Sartis gives you a comfortable and protective feeling. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).






**Fabric:**

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST; ± 300 g/m²

**Colour**

B98 Navy Blue

**European Standards:**

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 1 ATPV 0.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]



**SIO-SAFE™  
EXTRA**

OEKO-TEX®  
STANDARD 100  
17980401 Certified  
Tested for harmful substances.  
www.oeko-tex.com/standard100

**NEW** **Rumes** - 080VA2PF9

**Trousers with ARC protection**

The Rumes trousers are made from an inherently flame retardant fabric and offer excellent protection against heat, flames and the thermal hazards of an electric ARC. The Rumes can be worn in many industrial environments as these trousers also protect you against welding sparks and liquid chemicals. For tasks where this is necessary, knee protection can be slid in the knee pockets for extra comfort. For your visibility and protection, the leg ends are equipped with reflective tape. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






**Fabric:**

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST; ± 300 g/m²

**Colour**

B98 Navy Blue

**European Standards:**

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 1 ATPV 0.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]



**SIO-SAFE™  
EXTRA**

OEKO-TEX®  
STANDARD 100  
17980401 Certified  
Tested for harmful substances.  
www.oeko-tex.com/standard100



**Reggio - 020VA2PF9**

## Hi-vis jacket with ARC protection

The Reggio hi-vis jacket really stands out. Not only because of its double stitched reflective FR strips, but also because of its looks. The flaps of the chest and waist pockets are finished with a piping in contrasting colour. The jacket with arc protection is anti-static and not only protects against heat and metal splashes, but at the same time it feels comfortable to wear. This is the result of the light, inherently flame-retardant, breathable and supple fabric of which it is made. The Reggio is shrinkage and pilling resistant, even after frequent washing. The reinforced seams increase the lifespan of the jacket. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).







**Fabric:**

Sio-Safe™ Extra: 54% modacrylic + 45% viscose  
+ 1% AST; ± 300 g/m<sup>2</sup>

## Colour

049 Hi-Vis Yellow/Navy

### European Standards:

					
IEC 144-2:2009 Class 1 ATPV 8.5 cal/cm²	EN ISO 11612:2015 A1 A2 B1 C1 E1 F1	EN ISO 11611:2015 Class 1 - A1/A2	EN 1149-5:2006	EN 13034:2009 A1-2009	EN ISO 20471:2013 A1-2016



**SIO-SAFE™**  
EXTRA





## Matour - 022VN2PF9

### Hi-vis trousers with ARC protection

Safety first with the Matour hi-vis trousers: you are very visible as a result of the double-stitched reflective FR strips, and optimally protected by the arc protective properties of these trousers. On the one hand, the fabric has inherently flame retardant and anti-static properties and on the other hand, moisture-regulating properties, so that the trousers are not only breathable and supple, but also protect you against heat and metal splashes. With five pockets, these trousers are very practical. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

					
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2009+A1:2009	EN ISO 20471:2013+A1:2016
Class 1 ATPV 6.8 cal/cm²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]	

**SIO-SAFE™**  
EXTRA

OEKO-TEX®  
CONFIRMED BY TESTS  
**STANDARD 100**  
1788464 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100





## Ambier - 024VN2PF9

### Hi-vis bib & brace with ARC protection

The Ambier signalisation bib trousers feel light and supple thanks to the breathable fabric with moisture-regulating properties. The double-stitched reflective FR strips increase your visibility and the inherently flame-retardant properties of the fabric protect you from heat and metal splashes. These stylish and comfortable bib and brace are shrink and pilling resistant and have a high wear resistance. The many functional pockets are a plus, as are the knee pockets. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

--	--	--	--	--	--

**SIO-SAFE™**  
EXTRA



OEKO-TEX®  
STANDARD 100  
1708401 Certificate  
Tested for harmful substances.  
www.oeko-tex.com/standard100

## Fareins - 026VN2PF9

### Hi-vis coverall with ARC protection

Protect yourself against the everyday dangers of your job with this hi-vis coverall with arc protection. The coverall has double stitched reflective FR strips for increased visibility. In this flame retardant anti-static coverall you are protected from heat and metal splashes, but you feel comfortable because of the light, breathable and supple fabric with moisture-regulating and flame-retardant properties. Increase your comfort by inserting knee protection into the knee pockets that are provided and narrow your sleeves for a perfect fit. The Fareins retains its shape as the coverall is shrink and pilling resistant, even after frequent washing. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).

#### Fabric:

Sio-Safe™ Extra: 54% modacrylic + 45% viscose + 1% AST;  $\pm 300 \text{ g/m}^2$

#### Colour

049 Hi-Vis Yellow/Navy

#### European Standards:

--	--	--	--	--	--

**SIO-SAFE™**  
EXTRA



OEKO-TEX®  
STANDARD 100  
1708401 Certificate  
Tested for harmful substances.  
www.oeko-tex.com/standard100





**Larrau - 020VA2PFD**

## Hi-vis jacket with ARC protection

Working safely, that's what the Larrau jacket promises you. Made from a light, inherently flame-retardant, breathable and supple fabric, harmless to the skin, this jacket offers excellent arc protection, and protection against heat and metal splashes. It is equipped with double-stitched reflective FR strips for increased visibility. The tailored jacket is anti-static and resistant to wear, shrink and pilling, even after frequent washing.

Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).




**Fabric:**

Sio-Safe™ Extra: 31% polyester + 28% modacrylic + 20% aramid + 20% viscose FR + 1% AST; ± 320 g/m<sup>2</sup>

## Colour

048 Hi-Vis Orange/Navy

### European Standards:

		
EN 1149-5:2008	EN 13034:2005 + A1:2009	EN ISO 20471:2013 + A1:2016
	Type PB [6]	



**SIO-SAFE™**  
EXTRA

**Zip closure under flap with concealed press studs**





2 patched slanted pockets with flap closed by concealed press studs



Sleeve narrowing by press studs



## Guardo - 026VN2PFD

### Hi-vis coverall with ARC protection

Practical and multi-functional are two characteristics that apply to the Guardo hi-vis coverall with arc protection. The knee pockets, the sleeve narrowing mechanism, the adjustable elastic waist and its many pockets make this a very handy coverall. The double-stitched reflective FR strips make you visible so that you can safely do your work. The inherently flame retardant fabric from which the coverall is made is not only resistant to shrinking and pilling, but also protects you against heat and metal splashes. Available in EUR: Short (inside leg 69cm): 48 - 58 / Regular (inside leg 73cm): 44 - 64 / Long (inside leg 79cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Extra: 31% polyester + 28% modacrylic + 20% aramid + 20% viscose FR + 1% AST;  $\pm 320 \text{ g/m}^2$

#### Colour

048 Hi-Vis Orange/Navvy

#### European Standards:

					
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016
Class 1 ATPV 6.8 cal/cm²	A1 B1 C1 E1 F1	Class 1 - A1		Type 6	



OEKO-TEX®  
CONFIRMED BY TESTS  
STANDARD 100  
1788464 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100

## Arudy - 022VN2PFD

### Hi-vis trousers with ARC protection

Thanks to the double-stitched reflective FR strips you can go everywhere anytime with these Arudy hi-vis trousers. These comfortable and practical trousers with five pockets are made from a light, inherently flame-retardant, breathable and supple fabric with moisture-regulating properties, harmless to the skin. Arudy is shrink and pilling resistant even after frequent washing. These trousers have arc protection, are anti-static and offer excellent protection against heat and metal splashes. They are reinforced with sturdy seams for increased durability and wear resistance. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Extra: 31% polyester + 28% modacrylic + 20% aramid + 20% viscose FR + 1% AST;  $\pm 320 \text{ g/m}^2$

#### Colour

048 Hi-Vis Orange/Navvy

#### European Standards:

					
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2008	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016
Class 1 ATPV 6.8 cal/cm²	A1 B1 C1 E1 F1	Class 1 - A1		Type PB [6]	



OEKO-TEX®  
CONFIRMED BY TESTS  
STANDARD 100  
1788464 Certified  
Tested for harmful substances  
www.oeko-tex.com/standard100

## Viana - 024VN2PFD

### Hi-vis bib & brace with ARC protection

Draw a little more attention with the Viana hi-vis bib and brace. These stylish and comfortable bib and brace trousers are made from a light, inherently flame-retardant, breathable and supple fabric with significantly better moisture management than regular bib and brace. The fabric is resistant to wear, shrinkage and pilling. These anti-static trousers with double stitched reflective FR strips protect you excellently against heat and metal splashes. With one chest pocket and five trouser pockets, these are extremely practical bib and brace trousers. Available in EUR: Regular (inside leg 73cm): 44 - 64. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Extra: 31% polyester + 28% modacrylic + 20% aramid + 20% viscose FR + 1% AST;  $\pm 320 \text{ g/m}^2$

#### Colour

048 Hi-Vis Orange/Navy

#### European Standards:

					
Class 1 ATPV 0.8 cal/cm²	A1 B1 C1 E1 F1	Class 1 - A1		Type PB [6]	

**SIO-SAFE™**  
EXTRA





# Sio-Safe™ Supra

**Multi-norm fabric with high-end protection for many working conditions, protecting against multiple risks.**

The fabric is inherently flame retardant with a high quality viscose FR in the blend with a high abrasion resistance. The fabric is breathable and very comfortable and shows excellent dimensional stability, even after multiple (industrial) washing.



**NEW** **Godern** - 057VA2PIT

**Jacket with ARC protection (Cl 2)**

Very supple and comfortable, yet this jacket offers class two arc protection. The breathable fabric is inherently flame-retardant and at the same time has very good moisture-regulating properties. The jacket is shrink and pilling resistant. The two patched side pockets are nicely finished with reflective piping. The extended back ensures a comfortable feeling. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).






**Fabric:**

Sio-Safe™ Supra: 65% Lenzing FR - 22% AR - 12% PA - 1% AST; ± 250 g/m<sup>2</sup> | 64% Lenzing FR, 35% Aramid, 1% AST; ± 150 g/m<sup>2</sup>

**Colour**

B98 Navy Blue

**European Standards:**

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 2 ATPV 22.0 cal/cm²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]



**NEW** **Hanfeld** - 058VA2PIT

**Trousers with ARC protection (Cl 2)**

Are you looking for comfortable work trousers that are breathable and feel supple, but still offer the necessary arc protection (class 2)? Then the Hanfeld is the ideal pair of trousers for you. The fabric is not only inherently flame retardant but has also moisture-regulating properties and is non-allergenic. The seams have been reinforced to ensure a longer lifespan and a higher wear resistance. Moreover, the trousers are shrink and pilling resistant and come with 5 practical pockets. Available in EUR: Short (inside leg 75cm): 48 - 58 / Regular (inside leg 79cm): 44 - 64 / Long (inside leg 85cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).






**Fabric:**

Sio-Safe™ Supra: 65% Lenzing FR - 22% AR - 12% PA - 1% AST; ± 250 g/m<sup>2</sup> | 64% Lenzing FR, 35% Aramid, 1% AST; ± 150 g/m<sup>2</sup>

**Colour**

B98 Navy Blue

**European Standards:**

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009
Class 2 ATPV 22.0 cal/cm²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]

**SIO-SAFE™**  
SUPRA





**NEW** *Lobau* - 059VA2PIT

## Hi-vis jacket with ARC protection (Cl 2)

This comfortable jacket, made from a breathable, supple, flame-retardant fabric with moisture-regulating properties offers class two arc protection. With this hi-vis jacket with double-stitched reflective FR strips, you are perfectly visible, also in darker surroundings. The Lobau is shrink and pilling resistant and the reinforced seams contribute to a longer lifespan and a higher wear resistance. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).







### Fabric:

Sio-Safe™ Supra: 65% Lenzing FR - 22% AR - 12% PA - 1% AST; ± 250 g/m<sup>2</sup> | 64% Lenzing FR, 35% Aramid, 1% AST; ± 150 g/m<sup>2</sup>

### Colour

049 Hi-Vis Yellow/Navy

### European Standards:

					
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2006	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016
Class 2 ATPV 22.0 cal/cm²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]	



**SIO-SAFE™**  
SUPRA

OEKO-TEX®  
STANDARD 100  
11700440 Certified  
Trusted for harmful substances  
More info: [www.oeko-tex.com](http://www.oeko-tex.com)



**NEW** *Karden* - 060VA2PIT

## Hi-vis trousers with ARC protection (Cl 2)

The Karden work trousers offer you class two arc protection. With these hi-vis trousers with double-stitched reflective FR strips you are clearly visible, also in darker surroundings. The Karden is made of a soft, non-allergenic, breathable fabric that is inherently flame retardant and has excellent moisture-regulating properties. With two inset pockets, one back pocket, one thigh pocket and one ruler pocket, these elastic waist trousers are extremely practical. Available in EUR: Short (inside leg 81cm): 48 - 58 / Regular (inside leg 85cm): 44 - 64 / Long (inside leg 91cm): 46 - 56. (For conversion to national sizing check the back of this catalogue).







### Fabric:

Sio-Safe™ Supra: 65% Lenzing FR - 22% AR - 12% PA - 1% AST;  $\pm 250 \text{ g/m}^2$  | 64% Lenzing FR, 35% Aramid, 1% AST;  $\pm 150 \text{ g/m}^2$

### Colour

049 Hi-Vis Yellow/Navy

### European Standards:

					
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005+A1:2009	EN ISO 20471:2013+A1:2016
Class 2 ATPV 22.0 cal/cm²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]	

**SIO-SAFE™**  
SUPRA







## NEW **Pathal** - 061VA2PFD

### Hi-vis jacket with ARC protection (Cl 2)

This comfortable jacket, made from a breathable, supple, flame-retardant fabric with moisture-regulating properties, offers you class two arc protection. With this hi-vis jacket with double-stitched reflective FR strips, you are very good visible also in darker surroundings. The Lobau is shrink and pilling resistant, and the reinforced seams contribute to a longer lifespan and higher wear resistance. The sleeves can be narrowed according to your wishes, and the extended back offers you extra comfort. Available in EUR: 44 - 64. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Extra: 31% polyester + 28% modacrylic + 20% aramid + 20% viscose FR + 1% AST;  $\pm 320 \text{ g/m}^2$  | 64% Lenzing FR, 35% Aramid, 1% AST;  $\pm 150 \text{ g/m}^2$

#### Colour

048 Hi-Vis Orange/Navvy

#### European Standards:

					
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005 +A1:2009	EN ISO 20471:2013 +A1:2016
Class 2	A1 B1 C1 E1 F1	Class 1 - A1		Type PB [6]	



## NEW **Leste** - 062VA2PFD

### Hi-vis trousers with ARC protection (Cl 2)

The Leste are a comfortable pair of hi-vis trousers with class two arc protection. The light, breathable fabric with moisture-regulating properties is flame retardant and non-allergenic. The double-stitched reflective FR strips increase visibility while the reinforced seams ensure a higher wear resistance and a longer lifespan. In addition to two pockets on the side, the Leste has a handy back pocket, a thigh pocket and a ruler pocket. Available in EUR: Regular (inside leg 85cm): 44 - 64. (For conversion to national sizing check the back of this catalogue).







#### Fabric:

Sio-Safe™ Extra: 31% polyester + 28% modacrylic + 20% aramid + 20% viscose FR + 1% AST;  $\pm 320 \text{ g/m}^2$  | 64% Lenzing FR, 35% Aramid, 1% AST;  $\pm 150 \text{ g/m}^2$

#### Colour

048 Hi-Vis Orange/Navvy

#### European Standards:

					
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2008	EN 13034:2005 +A1:2009	EN ISO 20471:2013 +A1:2016
Class 2	A1 B1 C1 E1 F1	Class 1 - A1		Type PB [6]	





## **Perkam** - YMB00000C

### **Knee protectors**

Prevent discomfort, injuries and even chronic injuries by providing your employees with proper knee pads. Through the Perkam knee protectors, the applied force is evenly distributed between the knees, protecting them against hard surfaces and small stones. The dimensions are 240x147x20 mm.



OEKO-TEX®  
CONFIDENCE IN TEXTILES  
**STANDARD 100**  
by Hohenheim  
tested for harmful substances  
www.oeko-tex.com/standard100



**NEW** *Atting* - 877VA2ZZD

### Flame retardant belt



You can save lives by paying attention to details. That is also what Sioen thinks and that is why we now have developed this flame retardant belt. Choose optimal protection and complete your flame retardant outfit with this black belt, with buckle made in PA 6.6, which complies to EN ISO 14116:2015 index 3. Available in 4 sizes: 100 - 110 - 120 - 130 cm.

EN ISO 14116: 2015
Index 3











SICEN



SICEN

SICEN



# Size table – Man

How to choose the right size?

1	Take your body measurements according to the picture	
2	A: Waist	Measurement horizontally around the waist
	B: Chest	Measurement horizontally under the arms, around the widest part of the chest.
	C: Total body length	Measurement from top of the head till the ground, to be measured without shoes.
	D: Inseam leg length	Measurement from the crotch of the trousers till the ground, to be measured without shoes.
3	All measurements in the table are body measurements. We recommend that measurements are taken while wearing light clothing, do not measure too tight.	
4	Find the correct size which corresponds with the body measurements in the table.	
5	If you would require a size which deviates from the sizes mentioned in the table, we are happy to manufacture such a garment according to your specific body measurements.	



# Bodywear, thermal wear & rainwear

		XS	S	M	L	XL	2XL	3XL	4XL
A	Waist (cm)	66-74	74-82	82-90	90-98	98-106	106-117	117-129	129-141
B	Chest (cm)	78-86	86-94	94-102	102-110	110-118	118-129	129-141	141-153
C	Total body length (cm)	164-172	164-172	172-180	172-180	180-188	180-188	188-196	188-196

## Multinorm workwear, Jackets

EUR		44	46	48	50	52	54	56	58	60	62	64
FR		40	42	44	46	48	50	52	54	56	58	60
DE + NL		42	44	46	48	50	52	54	56	58	60	62
UK		S		M		L		XL		2XL		3XL
UK (inches)		34	36	38	40	41	42	44	46	48	50	52
B	Chest (cm)	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118	118-123	123-129	129-135
C	Length (cm)	172-176	174-178	176-180	178-182	180-184	182-186	184-188	186-190	188-192	190-194	192-196

## Trousers, bib & brace and coveralls

Short Length	EUR		48S	50S	52S	54S	56S	58S
	FR		42S	44S	46S	48S	50S	52S
	UK (chest)		38S	40S	41S	42S	44S	46S
	UK (waist)		33S	34S	36S	38S	40S	42S
	DE		23	24	25	26	27	28
	NL		46S	45S	50S	52S	54S	56S
	A	Waist (cm)	82-86	86-90	90-94	94-98	98-102	102-106
	B	Chest (cm)	94-98	98-102	102-106	106-110	110-114	114-180
	C	Total body length (cm)	168-172	170-174	172-176	174-178	176-180	178-182
	D	Inseam leg length (cm)	77	78	79	80	81	82

Regular Length	EUR		44R	46R	48R	50R	52R	54R	56R	58R	60R	62R	64R
	FR		38R	40R	42R	44R	46R	48R	50R	52R	54R	56R	58R
	UK (chest)		34R	36R	38R	40R	41R	42R	44R	46R	48R	50R	52R
	UK (waist)		30R	32R	33R	34R	36R	38R	40R	42R	44R	46R	48R
	DE		42	44	46	48	50	52	54	56	58	60	62
	NL		42R	44R	46R	48R	50R	52R	54R	56R	58R	60R	62R
	A	Waist (cm)	74-78	78-82	82-86	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118
	B	Chest (cm)	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118	118-123	123-129	129-135
	C	Total body length (cm)	172-176	174-178	176-180	178-182	180-184	182-186	184-188	186-190	188-192	190-194	192-196
	D	Inseam leg length (cm)	79	80	81	82	83	84	85	86	87	88	89

Long Length	EUR		46L	48L	50L	52L	54L	56L
	FR		40L	42L	44L	46L	48L	50L
	UK (chest)		36L	38L	40L	41L	42L	44L
	UK (waist)		32L	33L	34L	36L	38L	40L
	DE		90	94	98	102	106	110
	NL		44L	46L	48L	50L	52L	54L
	A	Waist (cm)	78-82	82-86	86-90	90-94	94-98	98-102
	B	Chest (cm)	90-94	94-98	98-102	102-106	106-110	110-114
	C	Total body length (cm)	186-190	188-192	190-194	192-196	194-198	196-200
	D	Inseam leg length (cm)	86	87	88	89	90	91



# Size table – Woman

How to choose the right size?

1	Take your body measurements according to the picture	
2	A: Waist	Measurement horizontally around the waist
	B: Chest	Measurement horizontally under the arms, around the widest part of the chest.
	C: Total body length	Measurement from top of the head till the ground, to be measured without shoes.
	D: Inseam leg length	Measurement from the crotch of the trousers till the ground, to be measured without shoes.
	E: Hips	Measurement horizontally around the hips
3	All measurements in the table are body measurements. We recommend that measurements are taken while wearing light clothing, do not measure too tight.	
4	Find the correct size which corresponds with the body measurements in the table.	
5	If you would require a size which deviates from the sizes mentioned in the table, we are happy to manufacture such a garment according to your specific body measurements.	



# Bodywear, thermal wear & rainwear

SIZE		2XS	XS	S	M	L	XL	2XL	3XL	4XL
A	Waist (cm)	50-58	58-66	66-74	74-82	82-91	91-103	103-115	115-127	127-139
B	Chest (cm)	66-74	74-82	82-90	90-98	98-107	107-119	119-131	131-143	143-155
C	Total body length (cm)	156-164	156-164	156-164	164-172	164-172	172-180	172-180	180-188	180-188
E	Hips (cm)	74-82	82-90	90-98	98-106	106-115	115-125	125-135	135-145	145-155

# Multinorm workwear, Jackets

SIZE		30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
A	Waist (cm)	66-70	70-74	74-78	78-82	82-86	86-90	90-94	97-98	98-102	102-106	106-110	110-114	114-118	118-123	123-129	129-135	135-141	141-147
B	Chest (cm)	70-74	74-78	78-87	82-86	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118	118-123	123-129	129-135	135-141	141-147	147-153
C	Total body length (cm)	156-160	156-160	156-160	160-164	160-164	164-168	164-168	168-172	168-172	172-176	172-176	172-176	176-180	176-180	180-184	180-184	184-188	184-188

# Trousers, bib & brace and coveralls

SIZE		30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64
A	Waist (cm)	66-70	70-74	74-78	78-82	82-86	86-90	90-94	97-98	98-102	102-106	106-110	110-114	114-118	118-123	123-129	129-135	135-141	141-147
B	Chest (cm)	70-74	74-78	78-87	82-86	86-90	90-94	94-98	98-102	102-106	106-110	110-114	114-118	118-123	123-129	129-135	135-141	141-147	147-153
C	Total body length (cm)	156-160	156-160	156-160	160-164	160-164	164-168	164-168	168-172	168-172	172-176	172-176	172-176	176-180	176-180	180-184	180-184	184-188	184-188
D	Inseam leg length (cm)	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5	80,5



# Workwear products: standard features overview

## European Norms & Standards

Product range	Page	Style number	Style name	Type of product	ISO 15.797	IEC 61482-2		EN ISO 11612	EN ISO 11611	EN 1149-5	EN 13034	EN ISO 20471
						Class	ATPV (cal/cm <sup>2</sup> )					(Class = size L)
Sio-Flame Anti-Static	38	001VA2PIF	Gimont	Jacket	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Flame Anti-Static	35	002VA2PIF	Novara	Jacket	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Flame Anti-Static	38	003VN2PIF	Altea	Trousers	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Flame Anti-Static	35	004VN2PIF	Bardi	Trousers	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Flame Anti-Static	40	005VN2PIF	Alvito	Bib & brace	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Flame Anti-Static	41	006VN2PIF	Ferrol	Coverall	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Flame Anti-Static	36	007VN2PIF	Aversa	Coverall	50	-	-	A1 B1 C1 E3 F1	Class 1 - A1	x	-	-
Sio-Safe Essential	61	008VA2PFA	Obera	Jacket	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential	66	009VA2PFA	Montero	Jacket	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential Light	55	009VA2PFB	Ramea	Jacket	50	1	9,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential	68	010VA2PFA	Millau	Jacket	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential Light	57	010VA2PFB	Vendat	Jacket	50	1	9,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential	61	011VN2PFA	Zarate	Trousers	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential	66	012VN3PFA	Corinto	Trousers	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential Light	55	012VN3PFB	Moreda	Trousers	50	1	-	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential	69	013VN2PFA	Royan	Trousers	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential Light	57	013VN2PFB	Ambok	Trousers	50	1	9,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential	63	014VN2PFA	Valera	Bib & brace	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential	70	015VN2PFA	Bayonne	Bib & brace	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential	63	016VN2PFA	Anaco	Coverall	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	[6]	-
Sio-Safe Essential	64	017VN2PFA	Carlow	Coverall	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	[6]	-
Sio-Safe Essential Light	56	017VN2PFB	Devona	Coverall	50	1	9,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	x	[6]	-
Sio-Safe Essential	70	018VN3PFA	Autun	Coverall	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	[6]	cl 3
Sio-Safe Essential Light	56	018VN3PFB	Macas	Coverall	50	1	9,4	A1 A2 B1 C1 E2 F1	Class 1 - A1 A2	x	[6]	cl 3
Sio-Safe Extra	81	019VA2PF9	Modena	Jacket	100	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Extra	84	020VA2PF9	Reggio	Jacket	75	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 3
Sio-Safe Extra	88	020VA2PFD	Larrau	Jacket	✓	1	8,8	A1 B1 C1 E1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Extra Light	75	020VA2PIP	Orlu	Jacket	✓ (60°C)	1	8,0	A1 B1 C1 F1	Class 1 - A1	x	PB [6]	cl 3
Sio-Safe Extra	81	021VN2PF9	Varese	Trousers	100	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Extra	85	022VN2PF9	Matour	Trousers	75	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Extra	90	022VN2PFD	Arudy	Trousers	✓	1	8,8	A1 B1 C1 E1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Extra Light	75	022VN2PIP	Bakki	Trousers	✓ (60°C)	1	8,0	A1 B1 C1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Extra	82	023VN2PF9	Gramat	Bib & brace	100	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Extra	86	024VN2PF9	Ambier	Bib & brace	75	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Extra	91	024VN2PFD	Viana	Bib & brace	✓	1	8,8	A1 B1 C1 E1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Extra	86	026VN2PF9	Fareins	Coverall	75	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	[6]	cl 3
Sio-Safe Extra	90	026VN2PFD	Guardo	Coverall	✓	1	8,8	A1 B1 C1 E1 F1	Class 1 - A1	x	[6]	cl 3
Sio-Safe Extra Light	76	026VN2PIP	Mornant	Coverall	✓ (60°C)	1	8,0	A1 B1 C1 F1	Class 1 - A1	x	[6]	cl 3
Sio-Safe Extra	82	031VN2PF9	Couvin	Coverall	100	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	[6]	-
Sio-Flame Molten Metal	43	039VA2PIU	Lonic	Jacket	-	-	-	A1 A2 B1 C1 D3 E3 F1	Class 2 - A1 A2	x	-	-
Sio-Flame Molten Metal	43	040VA2PIU	Gulia	Trousers	-	-	-	A1 A2 B1 C1 D3 E3 F1	Class 2 - A1 A2	x	-	-
Sio-Safe Supra	93	057VA2PIT	Godern	Jacket	✓	2	22,0	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Supra	93	058VA2PIT	Hanfeld	Trousers	✓	2	22,0	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Supra	94	059VA2PIT	Lobau	Jacket	✓	2	22,0	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Supra	95	060VA2PIT	Karden	Trousers	✓	2	22,0	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Extra	97	061VA2PFD	Pathal	Jacket	-	2	-	A1 B1 C1 E1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Extra	97	062VA2PFD	Leste	Trousers	-	2	-	A1 B1 C1 E1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Essential	73	066VA2PFA	Kasie	Jacket	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential	73	067VA2PFA	Lesha	Trousers	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	cl 2
Sio-Safe Essential	67	072VA2PFA	Oroya	Jacket	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential	67	073VA2PFA	Casma	Trousers	50	1	15,2	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential Light	59	074VA2PIR	Laruns	Jacket	-	1	8,4	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Essential Light	59	075VA2PIR	Barcus	Trousers	-	1	8,4	A1 A2 B1 C1 E1 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Extra Light	78	077VA2PIP	Ingon	Jacket	-	1	-	A1 B1 C1 F1	Class 1 - A1	x	PB [6]	cl 3
Sio-Safe Extra Light	78	078VA2PIP	Malton	Trousers	-	1	-	A1 B1 C1 F1	Class 1 - A1	x	PB [6]	cl 2
Sio-Safe Extra	83	079VA2PF9	Sartis	Jacket	100	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Extra	83	080VA2PF9	Rumes	Trousers	100	1	8,8	A1 A2 B1 C1 E3 F1	Class 1 - A1 A2	x	PB [6]	-
Sio-Safe Extra Light	79	850VA2PIP	Marrum	Coverall	✓ (60°C)	1	-	A1 B1 C1 F1	Class 1 - A1	x	[6]	cl 3
Sio-Safe Extra Light	76	892VC2PIP	Warwick	Coverall	-	1	8,0	A1 B1 C1 F1	Class 1 - A1	x	[6]	cl 3

## Features

Collar		Closure		Pockets									Extra						
Lay-flat collar	Straight collar	Closure with press studs	Zip closure	Chest pocket with flap	Inset pocket with flap	Inset pocket without flap	Inside pocket	Back pocket with flap	Ruler pocket with flap	Ruler pocket without flap	Thigh pocket	Knee pockets	Loops	Sleeve narrowing	Elongated back	Elastic waist	Adjustable waist	Identification label	Side slits
x		x		2	2								1	x				x	
x		x		2	2								1	x				x	
						2		1		1						x			
						2		1		1						x			
				1		2		1		1						x	x	x	2
x		x		2		2		1		1			1	x		x	x	x	2
x		x		2		2		1		1			1	x		x	x	x	2
	x	x		2	2		x						2	x	x			x	
	x	x		2	2		1						2	x	x			x	
	x	x		2	2		1						2	x	x			x	
	x	x		2	2		1						2	x				x	
	x	x		2	2		1						2	x				x	
						2		1	1		1	x				x			
						2		1			1	x				x		x	
						2		1			1	x				x		x	
						2		1	1		1	x				x		x	
				1	2				1		1	x				x	x	x	2
				1	2			1	1		1	x				x	x	x	2
			x	1	2			1	1		1	2					x	x	2
	x		x	2	2		1	1	1		1	x	2	x		x	x	x	2
	x		x	2	2		1	1	1			x	2	x		x	x	x	2
	x		x	2	2		1	1	1			x	2	x		x	x	x	2
	x		x	2	2		1	1	1		1	x	2	x		x	x	x	2
	x		x	2	2		1						2		x			x	
	x		x	2	2		1						2	x	x			x	
						2		1		1	1	x				x			
	x		x		2			1						x	x			x	
					2			1	1		1		2	x	x			x	
	x		x		2			1	1		1		2	x		x		x	
					2			1											
					2			1											
					2			1	1		1	x				x		x	
					2			1	1		1		2		x				
	x		x	2	2		1					2	2	x		x		x	
					2			1					2		x				
					2			1	1		1	x						x	
					2			1	1		1	x				x			
x		x		2	2			1	1		1	x		x		x	x	x	2
	x		x	2	2		1	1	1		1	x	2	x		x	x	x	2



E-MAIL: [INFO@SIOEN-PPC.COM](mailto:INFO@SIOEN-PPC.COM)  
PHONE: +32 (0)51 740 800  
[WWW.SIOEN-PPC.COM](http://WWW.SIOEN-PPC.COM)

