

# SIOEN

## PROFESSIONAL PROTECTIVE CLOTHING



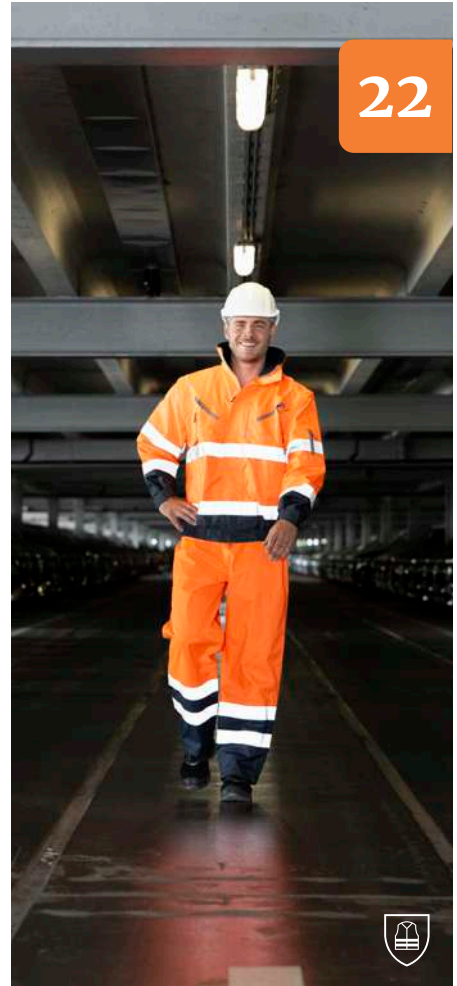
PRODUCT OVERVIEW 2024



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# Sustainable PPC range? How?

*For our Sustainable Sioen products, we take into account a number of principles:*

## *Efficient use of raw materials*

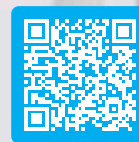
As **efficient use of raw materials** is the purest form of prevention, we prefer to use lighter materials, always considering the required protection level and the expected lifespan of personal protective equipment (PPE).

## *Eco-design for extending the lifespan*

In addition, we **design** our sustainable PPE in such a way that repairs can be carried out more easily if necessary, extending the products' lifespan. We, for example, pay attention to the materials' high mechanical strength, good colour fastness, etc. The number of washes and drying cycles is increased and we opt for better wash-resistant finishes, among others.



**Sustainable protective clothing** is more than just a label. It's about finding the best solution for a particular protection level, considering comfort, ease of use, maintenance and sustainability. For our sustainable high-visibility range as well as our sustainable multinorm protective clothing range, we have paid special **attention to sustainability, without compromising on safety and protection.**



*Please also check out the Sustainable high-visibility and Sustainable multinorm catalogues.*

## *Eco-design for reusing, dismantling and recycling*

Finally, by making it easier **to reuse, dismantle and recycle** our products, they become more sustainable.

## *Renewable and recycled raw materials*

We use **renewable and recycled raw materials**, such as Tencell™ Lyocell fibres and Repreve® 100% recycled polyester fibres. Tencell™ Lyocell fibres are 100% bio-cellulose from sustainably produced wood.





## SUSTAINABLE HI-VIS



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange



292 Hi-Vis Yellow/Navy  
293 Hi-Vis Orange/Navy



292 Hi-Vis Yellow/Navy  
293 Hi-Vis Orange/Navy



292 Hi-Vis Yellow/Navy



293 Hi-Vis Orange/Navy



292 Hi-Vis Yellow/Navy  
293 Hi-Vis Orange/Navy  
FC1 Hi-Vis Orange

## SIO-SAFE ESSENTIAL ECO



987 Navy/Hi-vis yellow



049 Hi-Vis Yellow/Navy



987 Navy/Hi-vis yellow



049 Hi-Vis Yellow/Navy

## SIO-SAFE EXTRA ECO



H46 Royal Blue  
B98 Navy blue



049 Hi-Vis Yellow/Navy



B98 Navy blue  
H46 Royal Blue



049 Hi-Vis Yellow/Navy



B98 Navy blue  
H46 Royal Blue



049 Hi-Vis Yellow/Navy



049 Hi-Vis Yellow/Navy



B98 Navy blue



B98 Navy blue



B98 Navy blue



278 Hi-Vis Yellow/Navy



B75 Navy blue

# Protective clothing especially designed for women





**Even though the workforce is predominantly male in fields such as construction, energy, (petro) chemistry and in the steel industry, more and more women start working in those sectors. We aim to have adequate garments for anyone, regardless of gender. That is why we have developed garments that are especially adapted to the female physiology.**

A good fit is of major importance to comply with the needed protection level for a certain task. No matter whether it comes to waterproofness, flame-retardancy or multinorm clothing, wearing an ill-fitted piece of clothing will protect you less well. The right size is, of course, very important, but the garments should also be adapted to your physiognomy.

It goes without saying that we have to keep in mind the differences between a man's and a woman's body. Fitted workwear for women does not just mean wearing a small men's size. It has to feel comfortable, as uncomfortable clothing won't be worn correctly or won't be worn at all.

That's why we started developing garments that are especially designed for women.

**Toro**  
442ZA2TJB



B95 Navy blue

**Jerica**  
547AA2TU2



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Talia**  
546AA2EU1



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow



**Amelia**  
806AA21P0



FC1 Hi-Vis Orange

**NEW Augustine**  
807AA2MR2



FY1 Hi-Vis Yellow

**NEW Vaski**  
7331A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Kasie**  
066VA2PFA



049 Hi-Vis Yellow/Navy

**Heika**  
7332A2TV4



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Lesha**  
067VA2PFA



049 Hi-Vis Yellow/Navy

**Oroya**  
072VA2PFA



B98 Navy blue

**Casma**  
073VA2PFA



B98 Navy blue

**Keibu**  
502AA2MPC



B90 Navy blue

**Tormi**  
501AA2MPC



B90 Navy blue

# SYNQ<sup>®</sup>

[synqworkwear.com](http://synqworkwear.com)





# SYNQ<sup>®</sup>

Meet **SYNQ** workwear, the new addition to the Sioen Apparel “House of Brands”.

SYNQ is short for “synchronize”,  
a verb for making things work together.

That is what this new brand of workwear does. Teaming up with passionate professionals. Offering you robust and high-quality workwear with the right fit, features, look and protection. So you can focus on your passion and skills. Without worries.

[synqworkwear.com](http://synqworkwear.com)



A uniform look for (large) teams and companies.

- Trousers with mechanical stretch main fabric
- Modern fit & symmetrical design
- Including rain & cold protection



Additional freedom of movement thanks to 4-way stretch inserts.

- Trousers with mechanical stretch main fabric
- 4-way stretch Cordura<sup>®</sup> inserts at key areas
- Dynamic fit & asymmetrical design



Highly visible workwear that offers EN ISO 20471 certified protection.

- Trousers with mechanical stretch main fabric only and with additional 4-way stretch inserts
- Including rain & cold protection

# Product info guide

*This catalogue provides an overview of our current Sioen PPC range. For each product, you'll find a QR-code with a link to the products' dedicated website page.*

On our website, you'll find additional information, such as the norms and standards the products comply with, the product descriptions, extra photos if available, datasheets, certificates, etc.

**A** **Tomar**

**B** **654ZA2LH2**



**C** **NSO Black**



**D**

**F**

**Talia**

**546AA2EU1**



**E**

**G**


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



**H** **NEW**



**Jasper**

**086VA2PJH**



**I**

**987 Navy/Hi-vis yellow**



## Find your way

**A** Product name

**B** Product code

**C** Colour code + name

**D** QR code website

**F** High availability icon

Next to many of our products you will find a "High availability" logo. This logo indicates that this style (in a particular colour) is a product that is given high priority in both stock and production. **The particular colour is indicated in colour and in bold.**

**E** Product images

**G** Garments for women

**H** New product

**I** Sustainable PPC range



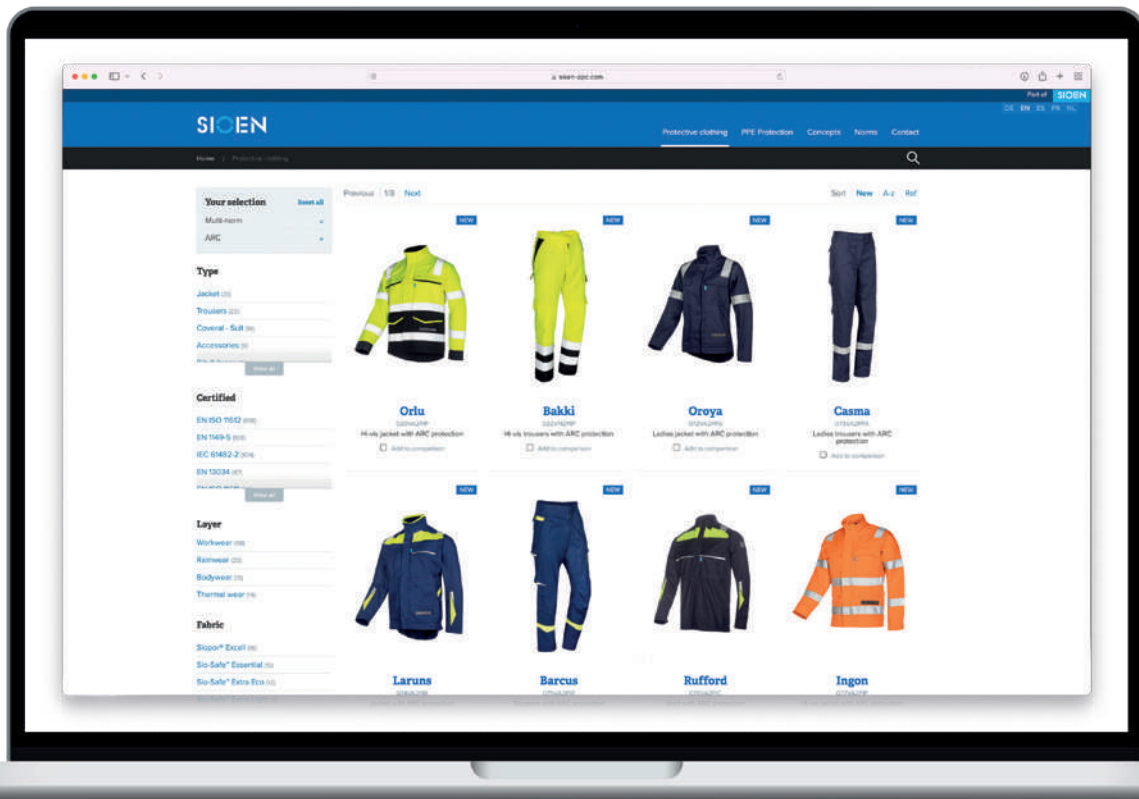
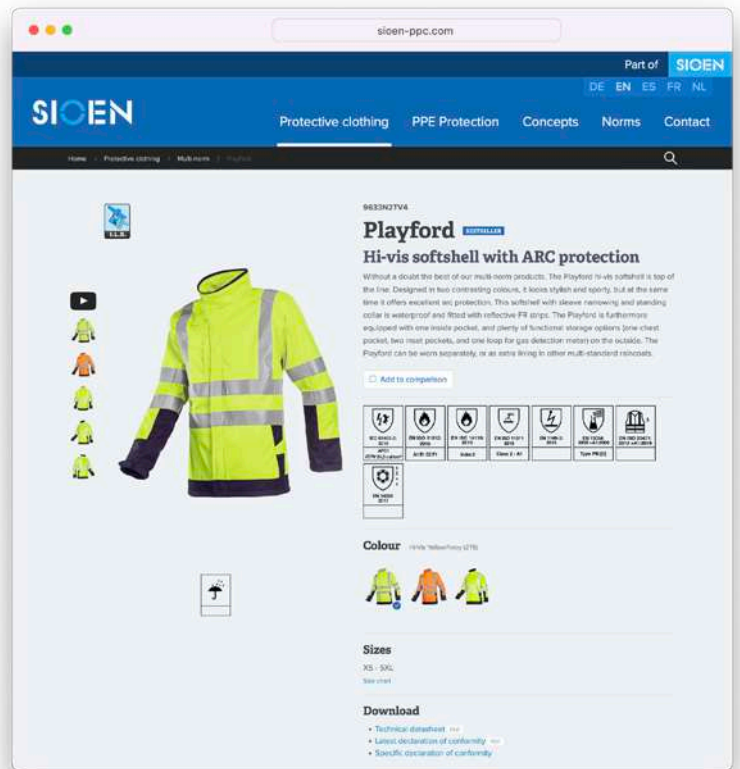


sioen-ppc.com

Visit our website for more detailed product information

Easy access to product searches

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









# All Weather

Certified all weather protection  
EN 14058 & EN 343









## BODYWEAR

### FRESH & DRY

#### Odars

499AA2MD6



N02 Anthracite

#### Roja

500AA2MD6



N02 Anthracite

### WARM & DRY

#### Trapani

2673A2MV4



BS0 Blue

#### Terni

2672A2MV5



BS0 Blue

#### Trento

2674A2MV4



BS0 Blue

#### Ferano

511AA2MC4



M22 Grey



#### Montrose

513AA2MC4



M22 Grey

Bodywear is worn close to the skin, making it thus extremely important that it is comfortable and breathable with good moisture management properties.

# THERMAL WEAR

## FLEECE JACKETS

**Durango**  
611ZA2T01



201 Navy/Black  
203 Red/Black  
312 Grey/Black  
617 Khaki/Black

**Merida**  
612ZA2T01



N15 Black  
B68 Blue  
M44 Grey  
R14 Red

**Sherwood**  
626ZA2TJP



MS0 Grey  
N25 Anthracite



**Germo**  
625ZA2G25



201 Navy/Black  
761 Black/Red

**Hayton**  
574AA2TXB



MW3 Grey

**Alton**  
578AA2TXE



TB1 Petrol Blue  
BB1 Navy blue  
MB1 Grey



**Romsey**  
575AA2TXC



MW4 Grey

**Crosby**  
576AA2EP7



N15 Black  
B75 Navy blue  
189 Petrol/Blue

**Tarbes**  
7789A2T01



BS0 Blue

**Lindau**  
7805A2T01



BS0 Blue

**Toro**  
442ZA2TJB



B95 Navy blue

**Tortolas**  
443ZA2TJB



B95 Navy blue





Crosby  
576AA2EP7

## THERMAL WEAR

### SOFTSHELL JACKETS

**Torreon**  
624ZA2TU2



201 Navy/Black  
203 Red/Black  
312 Grey/Black

**Pulco**  
622ZA2TU2



B68 Blue  
M44 Grey  
N15 Black

**Piemonte**  
9834A2TU2



128 Red/Black  
201 Navy/Black  
760 Black/Grey

### LAMINATED SOFTSHELL JACKETS

**Homes**  
9934A2TU1

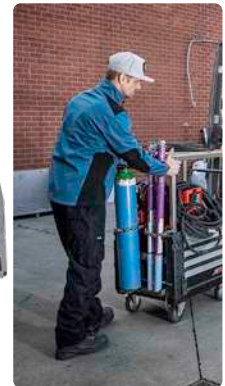


BSP Blue  
NS0 Black

**Garlin**  
577AA2TXD



MB1 Grey  
BB1 Navy blue  
TB1 Petrol Blue



### BODYWARMERS

**Inga**  
570AN2NRA



N15 Black

**Bernex**  
087AN2X32



B81 Nassau Blue  
N20 Black



**RAINWEAR**



**FLEXOTHANE® ESSENTIAL**

**Bielefeld**  
4265A2FE0



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow

**Bantur**  
4144A2FE0



A41 Green Khaki

**Jakarta**  
4145A2FE0



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow

**Dover**  
4893A2FE0



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow

**Herford**  
6218A2FE0



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow



**Bangkok**  
6360A2FE0



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow



**Bandung**  
6620A2FE0



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow





**Gascogne**  
3792A2FC1



B90 Navy blue



**Dortmund**  
4820A2FC1



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow

**Ascot**  
4507A2FC1

Elegant fit, waterproof, windproof, lightweight, detachable hood, wristband with sleeve narrowing, plenty of pocket space, Flexothane® Classic fabric, elongated back.



**NEW**  
**Ascot**  
4507A2FC1

A41 Green Khaki  
B90 Navy blue

**Rotterdam**  
4500A2FC1



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow

**Louisiana**  
4600A2FC1



A41 Green Khaki  
B90 Navy blue  
Y58 Yellow

**Montreal**  
4964A2FC1



A41 Green Khaki  
B90 Navy blue  
C38 Orange  
H45 Royal Blue  
Y58 Yellow  
W02 White

**Amsterdam**  
4899A2F01



003 Navy/Royal Blue

**Quebec**  
6931A2FC1



012 Royal Blue/Navy

**Lillehammer**  
4990A2F01



003 Navy/Royal Blue

**Toscana**  
4644A2F2C



140 Khaki 2-Coloured

**Auckland**  
4570A2FC1



A41 Green Khaki

**Cork**  
8161Z0FC1



A41 Green Khaki

# RAINWEAR

TEXOFLEX®

TEXOFLEX

**Brest**

1692A2B01



A98 Green Khaki

**Le Havre**

5100A2B01



A98 Green Khaki

**Staffin**

660AA2B0Z



209 Hi-Vis Orange / Navy Blue

**Stein**

661AA2B0Z



209 Hi-Vis Orange / Navy Blue

**Glenroe**

700AA2B17



A96 Khaki

**Falmore**

702AA2B17



A96 Khaki

# ULTRATEX

**Ceton**

5U01A2CX3



882 Grey/Black

**Hawk**

027AA2PBD



B75 Navy blue  
M45 Grey  
N20 Black  
R18 Red

**Crossfield**

298AA2NX2



B75 Navy blue

**Adelans**

191AA2X71



N15 Black

**Rowe**

437AA2CX3



N15 Black

**Palmer**

436AA2CX3



343 Navy/Black





# RAINWEAR

## SIOPOR® REGULAR

**Sheffer**  
698ZA2X98



A41 Green Khaki  
B75 Navy blue

**Murray**  
699ZA2X98



A41 Green Khaki  
B75 Navy blue

## SIOPOR® ULTRA

## SIOPOR® ULTRA

**Cumbria**  
603ZA2LH2



N15 Black

**Tomar**  
654ZA2LH2



NS0 Black

**Tornhill**  
608ZN2LH2



201 Navy/Black  
203 Red/Black  
312 Grey/Black

## SIOPOR® EXTRA

**Tempa**  
400AA2EU1



N15 Black  
B75 Navy blue

**Cloverfield**  
288AA2EX1



061 Grey/Black  
201 Navy/Black

## SIOPOR® LIGHT

## SIOPOR® LIGHT

**Haines**  
572AA2EP8



061 Grey/Black  
343 Navy/Black  
189 Petrol/Blue

**Moore's**  
579AA2EP5



N15 Black

**Colton**  
571AA2EP5



061 Grey/Black  
343 Navy/Black  
189 Petrol/Blue



**Cloverfield**  
288AA2EX1



**Colton**  
571AA2EP5







# High-visibility

Certified high-visibility  
protection EN ISO 20471



# BODYWEAR

## T-SHIRT & POLO SHIRT



**Cartura**  
3867A2MBE



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Ameno**  
3866A2MBE



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange  
FR1 Hi-Vis Red



**Irola**  
3870A2MBE



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange



**Genari**  
3868A2MBE



FC1 Hi-Vis Orange



Lightweight products in an easy care material with a pleasant touch.

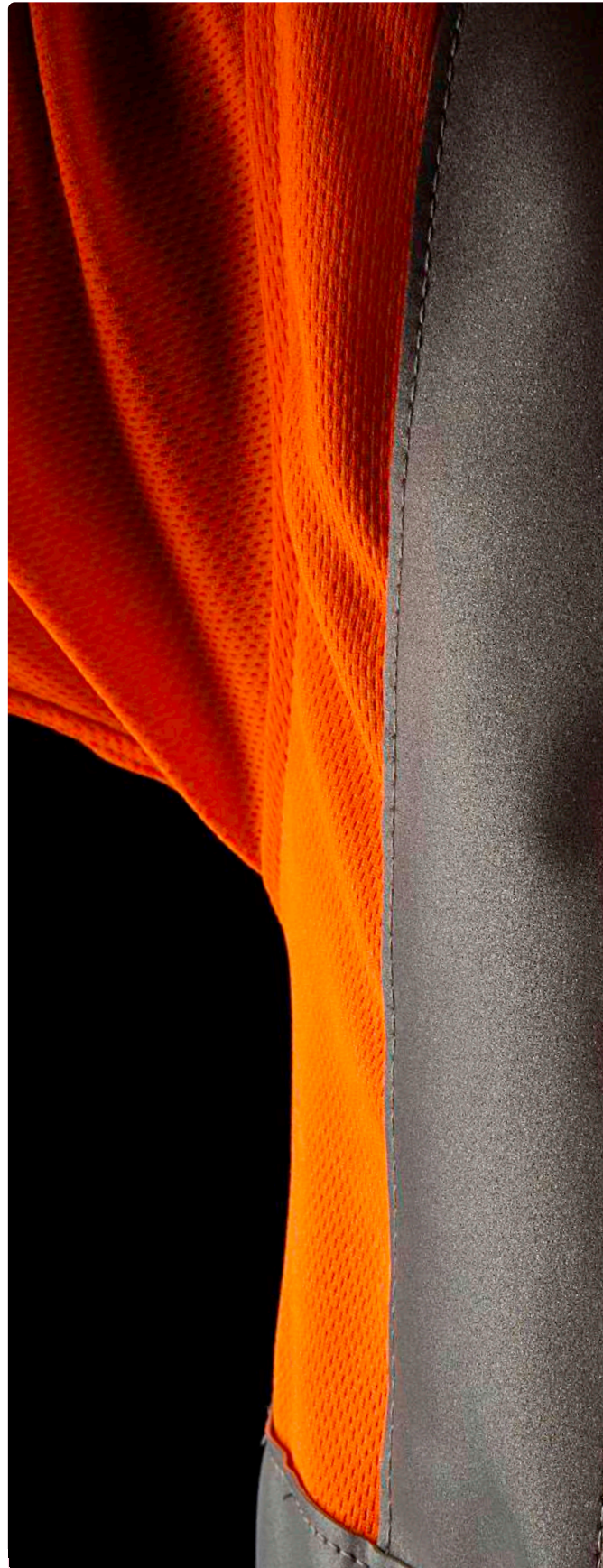
**Available in S - XXXL**

### Fabric

Basic Line: 100% polyester (birds eye); ± 140 g/m<sup>2</sup>



**Birdeye knitting with stretchable reflective tape (stitched)**







## T-SHIRT & POLO SHIRT

**Mastra**  
3873A2MV1



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Longa**  
3874A2MV1



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Bresso**  
3890A2MV1



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Naro**  
3880A2MV1



FC1 Hi-Vis Orange

**Molina**  
3879A2MV1



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Olgiata**  
3883A2MV1



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Tolke**  
3894A2MV1



FC1 Hi-Vis Orange



The perfect blend of Viloft® and Polyester resulting in an excellent physical comfort.

**Available in S - XXXL**

### Fabric

Ultra Line: Double knitting: exterior: 100% polyester / interior: 50% Viloft® + 50% polyester (dropneedle); ± 185 g/m<sup>2</sup>



**VILOFT®**

Dropneedle double knitting with underarm high-visibility mesh for optimal ventilation + stretchable reflective tape (stitched)



# BODYWEAR

## T-SHIRT & POLO SHIRT

**SIO-COOL** LIGHT

### SEGMENTED REFLECTIVE TAPE

**Pulcini**

3889A2MC2



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Matane**

585AA2MC2



FC1 Hi-Vis Orange



### STITCHED REFLECTIVE TAPE

**Omero**

3885A2MC2



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Popola**

3886A2MC2



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange



## SIO-COOL<sup>®</sup> LIGHT

Excellent moisture management and comfort properties.

Available in S - XXXL

### Fabric

Sio-Cool<sup>®</sup> Light: 100% polyester; ± 130 g/m<sup>2</sup> (birds eye structure)



STANDARD 100  
1112054  
Centexbel



RWS LINE



Pulcini  
3889A2MC2



**SIO-COOL** COMFORT

**T-SHIRT & POLO SHIRT**

**Rovito**  
3876A2MC3



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Tiola**  
3881A2MC3



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**T-SHIRT & POLO SHIRT**

**SIO-COOL** CLASSIC

**Rotella**  
3877A2MC1



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Rotto**  
3882A2MC1



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

**Casbas**  
612AA2MC5



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow



**SIO-COOL** COMFORT

Excellent moisture management and comfort properties.

**Available in S - XXXL**

**Fabric**

Sio-Cool® Light: 100% polyester; ± 130 g/m<sup>2</sup> (birds eye structure)



**SIO-COOL** CLASSIC

The original highly breathable quality with UV protection.

**Available in S - XXXL.**

**Fabric**

MC1: Sio-Cool® Classic: 100% polyester piqué; ± 180 g/m<sup>2</sup>  
MC5: Sio-Cool® Classic: 100% polyester piqué; ± 145 g/m<sup>2</sup>









## BODYWEAR

### SUSTAINABLE POLO SHIRT

NEW

**Broby**  
680AA2MC7



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

### WAISTCOATS

**Lacona**  
9092A2PEC



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Elba**  
9044A2PEC



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Solaka**  
9052A2PEC



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Carpi**  
9042A2PEC



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Anta**  
545AA2M09



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow



**Blaru**  
545ATAM09



FC1 Hi-Vis Orange

**Ronet**  
739AA2PEC



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

Broby  
680AA2MC7  
+  
Turup (O)  
083VA2PEJ

## THERMAL WEAR

### SWEATERS

**Bindal**  
284AA2MXQ



856 Hi-Vis Yellow/Grey  
707 Hi-Vis Orange/Grey

### FLEECE JACKETS

**Kingley**  
497ZA2T01



414 Hi-Vis Orange/Navy  
415 Hi-Vis Yellow/Navy

**Reims**  
131ZA2T01



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Berkel**  
353AA2TX2



FC1 Hi-Vis Orange

**Castor**  
725ZA2IJ2



FC1 Hi-Vis Orange

**Mowett**  
712ZA2T01

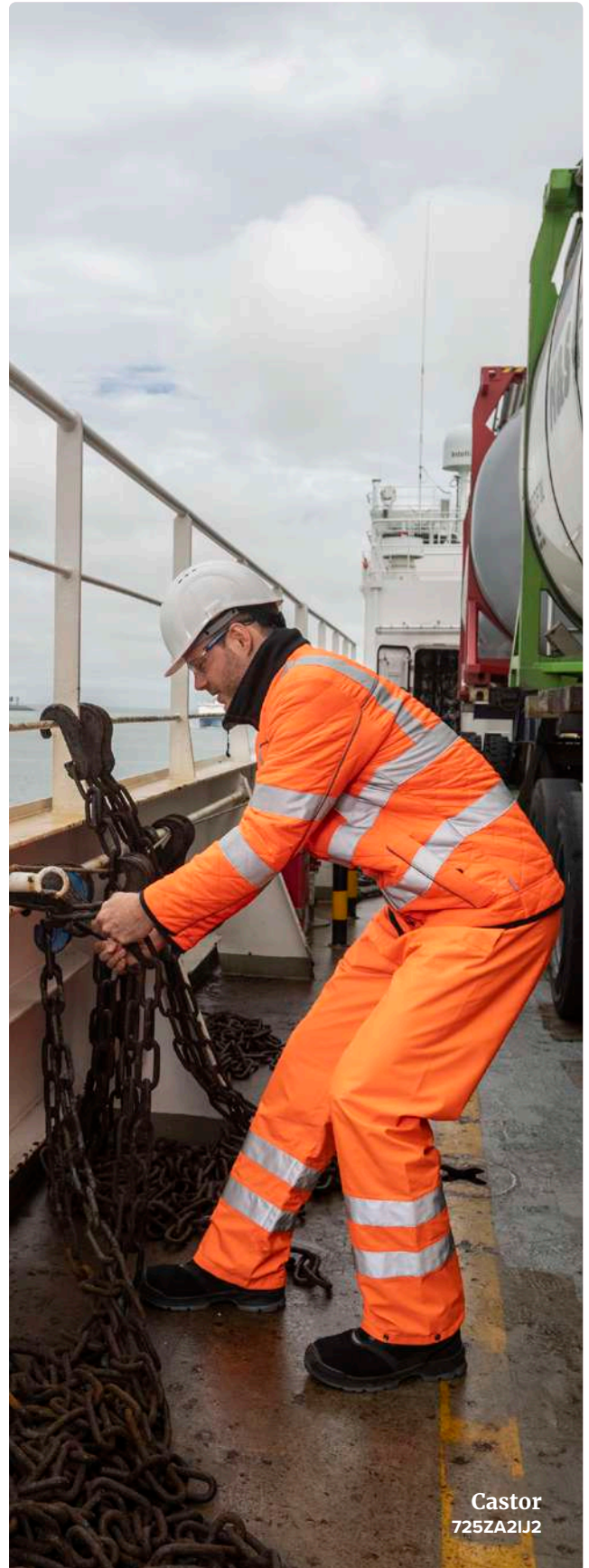


FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Senic**  
711ZA2T01



415 Hi-Vis Yellow/Navy  
414 Hi-Vis Orange/Navy



Castor  
725ZA2IJ2



# THERMAL WEAR

## SOFTSHELLS

**Malden**  
724ZA2TU2



415 Hi-Vis Yellow/Navy  
414 Hi-Vis Orange/Navy

**Dexter**  
722ZA2TU2



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Genova**  
9833A2TU2



FC1 Hi-Vis Orange  
FR1 Hi-Vis Red  
FY1 Hi-Vis Yellow

**Alphen**  
498AA2TU2



FC1 Hi-Vis Orange

**Jerica**  
547AA2TU2



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Drayton**  
167AA2TU2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**NEW**  
**Bajus**  
349AA2TU2



279 Hi-Vis Orange/Navy  
278 Hi-Vis Yellow/Navy

## LAMINATED SOFTSHELLS

**Walney**  
521AA2TU1



803 Hi-Vis Yellow/Blue



**Fuller**  
9933A2TU1



803 Hi-Vis Yellow/Blue  
951 Hi-Vis Orange/Navy

**Burton**  
169AA2EU1



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

## SUSTAINABLE SOFTSHELL



**NEW**  
**Aborg**  
9912A2TUR



292 Hi-Vis Yellow/Navy  
293 Hi-Vis Orange/Navy

## BODYWARMERS

**Arras**  
1148A2F01



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow







## WORKWEAR

### POLYESTER COTTON



**Hantum**  
052VA2PA8



FC1 Hi-Vis Orange

**Meddo**  
053VA2PA8



FC1 Hi-Vis Orange

**Zuten**  
054VA2PA8



FC1 Hi-Vis Orange

**Herven**  
055VA2PA8

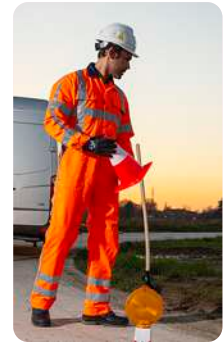


FC1 Hi-Vis Orange

**Welten**  
056VA2PA8



FC1 Hi-Vis Orange



### SUSTAINABLE TROUSERS

**NEW**  
**Turup**  
083VA2PEE



292 Hi-Vis Yellow/Navy

**NEW**  
**Turup (0)**  
083VA2PEJ



293 Hi-Vis Orange/Navy

Aborg  
9912A2TUR  
+  
Turup  
083VA2PEE

**FLEXOTHANE<sup>®</sup> ESSENTIAL**

**Erfurt**

1785A2FE0



FC1 Hi-Vis Orange

**Carmaux**

4303A2FE0



062 Hi-Vis Orange/Navy  
065 Hi-Vis Yellow/Navy

**Amberg**

6623A2FE0



FC1 Hi-Vis Orange

**Kassel**

4279A2FE0



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Bastogne**

6361A2FE0



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Tacana**

7650A2FE0



FY1 Hi-Vis Yellow



**Batur**

6564A2FE0



FC1 Hi-Vis Orange

**Merapi**

7850A2FE0



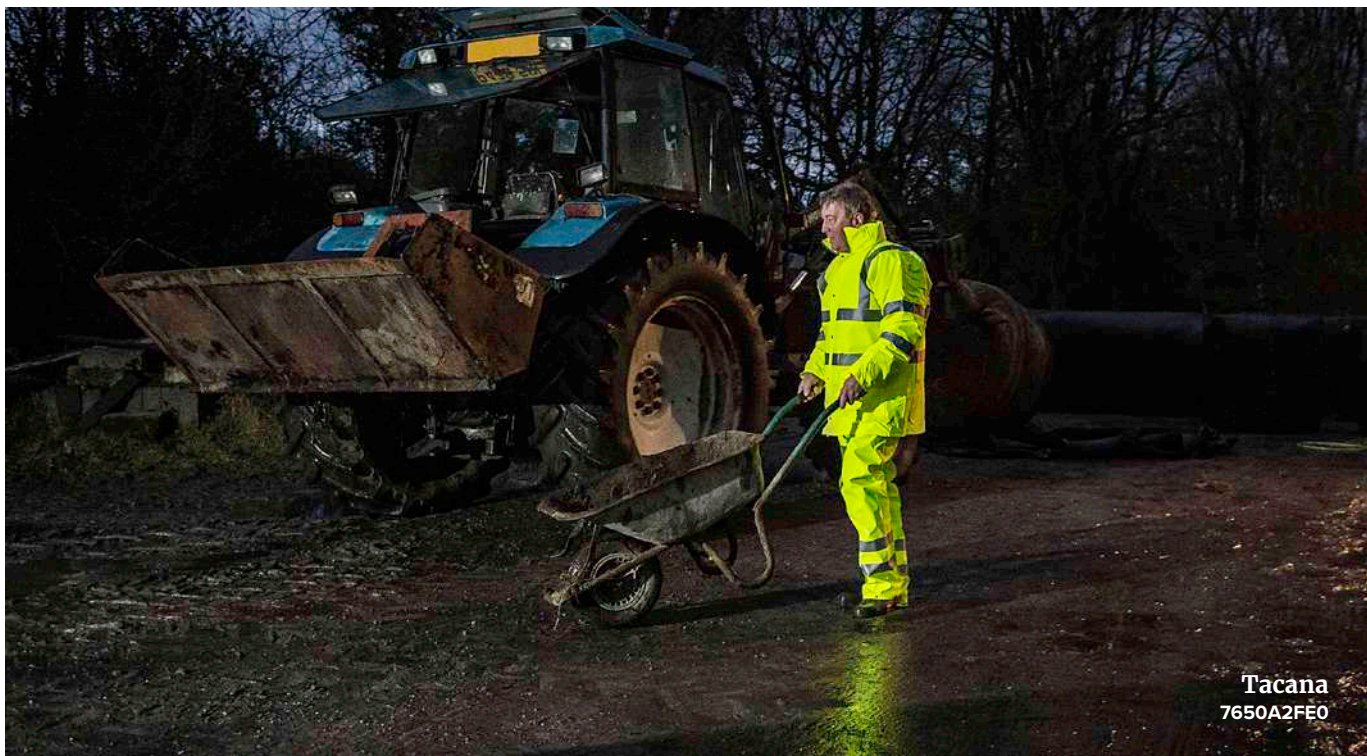
FC1 Hi-Vis Orange

**Eshton**

3726A2FE0



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange



Tacana  
7650A2FE0



**FLEXOTHANE® CLASSIC**

**Unzen**  
3720A2FC1



FC1 Hi-Vis Orange

**Unzen (HV)**  
3720A2F01



FY1 Hi-Vis Yellow



**Lassen**  
3763A2FC1



FC1 Hi-Vis Orange

**Gorda**  
3762A2F01



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Gemini (HV)**  
6580A2F01



FY1 Hi-Vis Yellow

**Gemini**  
6580A2FC1



FC1 Hi-Vis Orange

**Anonex**  
5429A6F01



FY1 Hi-Vis Yellow

**Aoba**  
6669A2FC1



FC1 Hi-Vis Orange

**Etna**  
6936A2F01



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Rabaul**  
5616A2F01



062 Hi-Vis Orange/Navy  
065 Hi-Vis Yellow/Navy



**Unzen (HV)**  
3720A2F01



Fressin  
348AA2ES3  
+  
Norvill  
799ZA2X98



Anfield  
166AA2EU1  
+  
Norvill  
799ZA2X98





## RAINWEAR

### SIOPOR® REGULAR

**SIOPOR®**  
REGULAR

**Monoray**  
198AA2X98



FC1 Hi-Vis Orange  
FR1 Hi-Vis Red  
FY1 Hi-Vis Yellow



**Monoco**  
598ZN2X98



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow  
FR1 Hi-Vis Red



**Belvill**  
798ZA2X98



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**NEW**  
**Fressin**  
348AA2ES3



279 Hi-Vis Orange/Navy  
278 Hi-Vis Yellow/Navy

**Bitoray**  
199AA2X98



FC1 Hi-Vis Orange  
FR1 Hi-Vis Red  
FY1 Hi-Vis Yellow



**Norvill**  
799ZA2X98



279 Hi-Vis Orange/Navy  
278 Hi-Vis Yellow/Navy

# RAINWEAR

## SIOPOR® ULTRA



**Skollfield**  
209AN2X93



065 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy  
717 Hi-Vis Red/Grey  
320 Hi-Vis Yellow/Green

**Powell**  
401AN3EU1



279 Hi-Vis Orange/Navy  
278 Hi-Vis Yellow/Navy



**Etton**  
628AA2EU1



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Campbell**  
364AN3EX1



065 Hi-Vis Yellow/Navy  
062 Hi-Vis Orange/Navy



**Hobson**  
404AA2EU1



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Lightflash**  
313AN2ES3



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Alford**  
168AA2EU1



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Thoras**  
428AA2EU1

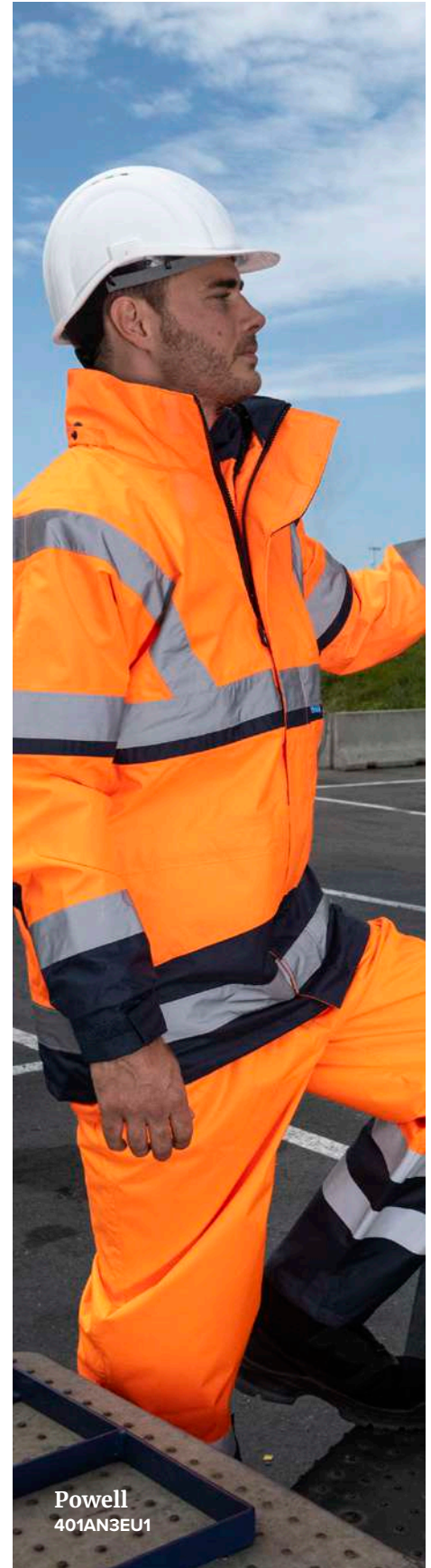


945 Hi-Vis Yellow/Hi-Vis Red/Black

**Cabin**  
440AA2EU1



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Powell**  
401AN3EU1



SIOPOR® ULTRA



**Anfield**  
166AA2EU1



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Barclay**  
346AN2ES3



065 Hi-Vis Yellow/Navy

**Malbro**  
347AN2ES3



062 Hi-Vis Orange/Navy  
065 Hi-Vis Yellow/Navy

**Anholt**  
522AA2LI7



803 Hi-Vis Yellow/Blue

**Thornton**  
520AA2LI7



803 Hi-Vis Yellow/Blue

**Talia**  
546AA2EU1



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

SIOPOR® ULTRA



**Diezel**  
351AN2EX1



FC1 Hi-Vis Orange

**Boorne**  
350AA2EX1



FC1 Hi-Vis Orange

**Merede**  
354AA2EX1



FC1 Hi-Vis Orange



Talia  
546AA2EU1

# RAINWEAR

## SIOPOR® EXTRA



**Windsor**  
708ZA2LH2



415 Hi-Vis Yellow/Orange  
414 Hi-Vis Orange/Navy

**Brighton**  
132ZA2EJ4



414 Hi-Vis Orange/Orange  
415 Hi-Vis Yellow/Orange

**Tarviso**  
5841A2EJ4



414 Hi-Vis Orange/Orange  
415 Hi-Vis Yellow/Orange

**Mildura**  
703ZA2LH2



FC1 Hi-Vis Orange



**Flensburg**  
4448A2EJ4



FC1 Hi-Vis Orange



**Windsor**  
708ZA2LH2

## SIOPOR® STRONG



**Croston**  
639AA2EXA

Highly suitable for harsh working conditions, heavy canvas, elongated back, detachable lining, packaway hood, pen pocket, wristband with sleeve narrowing, zip closure in back lining for applying a logo or personalisation.



**Croston**  
639AA2EXA



065 Hi-Vis Yellow/Orange  
062 Hi-Vis Orange/Navy



# RAINWEAR

## SUSTAINABLE TROUSER & JACKET

**Birkum**  
682AA2L2R

Rain protection (EN 343), ECO jacket, designed for easy disassembly, detachable hood with chin protection, made of recycled raw materials, EN ISO 20471 certified, reflective striping.





**NEW**  
**Birkum**  
682AA2L2R



292 Hi-Vis Yellow/Navy  
293 Hi-Vis Orange/Navy

**NEW**  
**Grady**  
681AA2L2R



292 Hi-Vis Yellow/Navy  
293 Hi-Vis Orange/Navy  
FC1 Hi-Vis Orange

## ULTRATEX

**Sparrow**  
029AA2PBE



FY1 Hi-Vis Yellow  
FC1 Hi-Vis Orange

**Eagle**  
050AA2PBE



FC1 Hi-Vis Orange

**Stormflash**  
2006A2NI4



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



## ACCESSORIES

**Horns**  
523AA2D06



H50 Royal Blue

**Stockton**  
5SABA2ZZ4









# Multinorm

FR AST

Arc

Chemicals











## FR AST BODYWEAR

### FR AST UNDERWEAR

**Beltane**  
2690A2MPC



B90 Navy blue

**Borger**  
2689A2MPC



B90 Navy blue

**Tormi**  
501AA2MPC



B90 Navy blue

**Keibu**  
502AA2MPC



B90 Navy blue

### FR AST T-SHIRTS & POLO SHIRTS

**Picton**  
518AN2MPC



B90 Navy blue  
M44 Grey

**Polton**  
519AA2MPC



B90 Navy blue  
M44 Grey

**Garat**  
539AA2MPI



FY1 Hi-Vis Yellow

**Arran**  
540AA2MPI



065 Hi-Vis Yellow/Navy

### FR AST WAISTCOATS

**Hellisan**  
307AA2PX8



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow  
FR1 Hi-Vis Red

**Raufar**  
308AA2PX8



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Sarvan**  
620AA2MF3



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Bertrix**  
652AA2MF3



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

## FR THERMAL WEAR

### FR FLEECE LININGS

**Royston**  
7220N2TF1



B75 Navy blue

**Watson**  
7221N2TF1



B75 Navy blue

**Liberchies**  
7760N2TF1



B75 Navy blue

**Molenbaix**  
7761N2TF1



B75 Navy blue

### FR FLEECE JACKETS

**Obaix**  
7759N2TF1



B75 Navy blue

**Dampremy**  
7771N2TF1



B75 Navy blue

**Rainier**  
496ZN2TF1



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

### FR ACCESSORIES



**Kirton**  
649AA2EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Perkam**  
YMB00000C

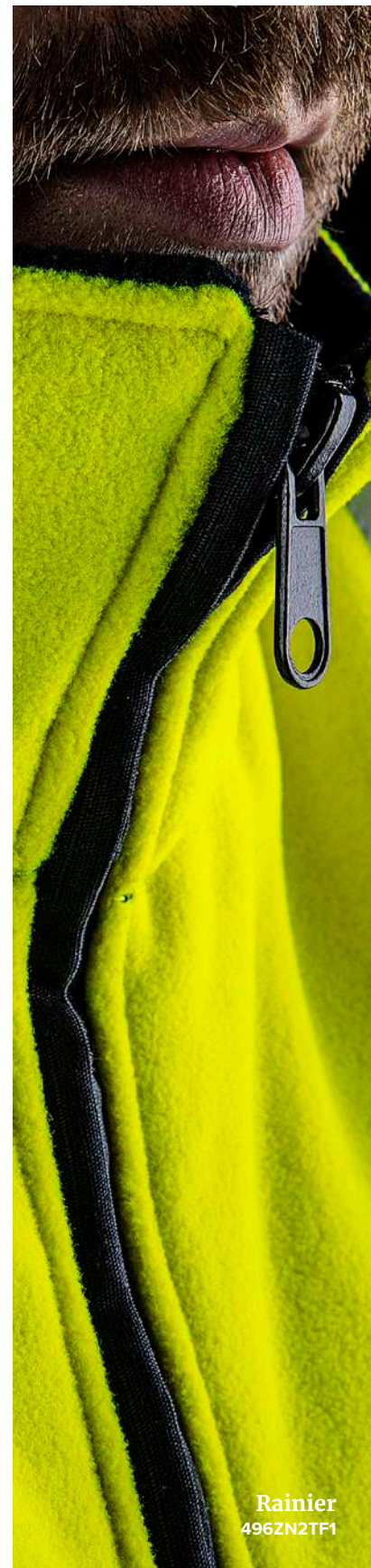


Not FR

**Atting**  
877VA2ZZD



NS0 Black



**Rainier**  
496ZN2TF1



## FR AST THERMAL WEAR

### FR AST BODYWARMERS

**Sidney**  
9387N3EF3



FY1 Hi-Vis Yellow



**Garnich**  
2578N3EF3



B75 Navy blue

**Bravone**  
1666N3EF3



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Vikja**  
9375A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Burvik**  
9376A2ET2



B75 Navy blue



### FR AST SOFTSHELLS

**Belarto**  
9644A2TV4



B75 Navy blue

**Heatherton**  
9643A2TV4



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



### FR AST FLEECE LINING

**Troston**  
7870A2TF6



B75 Navy blue

## WORKWEAR

### SIO-FLAME™ ANTI-STATIC

### SIO-FLAME™ ANTI-STATIC

**Novara**

002VA2PIF



B98 Navy blue

**Bardi**

004VN2PIF



B98 Navy blue

**Aversa**

007VN2PIF



B98 Navy blue

**Gimont**

001VA2PIF



B98 Navy blue

**Altea**

003VN2PIF



B98 Navy blue

**Alvito**

005VN2PIF



B98 Navy blue

**Ferrol**

006VN2PIF



B98 Navy blue

### SIO-FLAME™ MOLTEN METAL

### SIO-FLAME™ MOLTEN METAL

**Lonic**

039VA2PIU



141 Red/Navy

**Gulia**

040VA2PIU



141 Red/Navy



Aversa  
007VN2PIF



# RAINWEAR

## SIO-STRETCH™

**Merton**  
4U10A2FFX



B90 Navy blue

**Witham**  
6U08A2FFX



B90 Navy blue

**NEW**  
**Jibou**  
9396A2EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Elliston**  
7219N3EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Brisbane**  
6133N3EF5



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Netley**  
7U01A2FFX



H45 Royal Blue

**Tielson**  
5874N3EF5



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Ridley**  
7218N3EF7



B75 Navy blue

**Wellsford**  
4691N3EF5



B75 Navy blue

**Elliston**  
7219N3EF7









# RAINWEAR

## SIOPOR™ FR AST



**Winseler**  
3073N3EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Hedland**  
7223N3EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy  
815 Hi-Vis Red/Navy



**Oregon**  
1874N3EF5



278 Hi-Vis Yellow/Navy

**Geralton**  
5634N3EF7



278 Hi-Vis Yellow/Navy



**Carret**  
7253N3EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Gladstone**  
5729N3EF7



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Glenroy**  
7222N3EF7



B75 Navy blue

**Ekofisk**  
5806N3EF3



B75 Navy blue

**Hasnon**  
3085N3EF7



B75 Navy blue

**Barker**  
7224N3EF7



B75 Navy blue

**Hinton**  
7225N3EF7



B75 Navy blue

**Hedland**  
7223N3EF7  
+  
**Gladstone**  
5729N3EF7

# ARC protection

Certified ARC protection

IEC/EN 61482-2





# ARC PROTECTION LEVELS - SINGLE GARMENTS

	Type	Weight	Styles	ATPV/EBT (cal/cm <sup>2</sup> )	PPE Category	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2
<b>Bodywear</b>	Underwear AMF2	220 g/m <sup>2</sup>	462A, 463A	5,7	1	5,1	79,2	32,1	•	
	Polo-shirts AMR2A	220 g/m <sup>2</sup>	496A, 527A, 542A, 581A, 807A	6,6 (EBT)	1	5,9		30,1	•	
	Polo shirts AIPO	215g/m <sup>2</sup>	554A, 610A, 806A	5,5	1	4,9			•	
	Polo shirts AMF4	230g/m <sup>2</sup>	580A, 742A	14,7 (EBT)	2	10			•	
	Shirts APIC	180 g/m <sup>2</sup>	065V, 068V, 076V	6,9 (EBT)	1	6,4			•	
<b>Thermal wear</b>	Sweater AMR5	310g/m <sup>2</sup>	549A, 616A, 635A	14 (EBT)	2	12		29,1	•	
	Sweater AMPJ	310g/m <sup>2</sup>	650A	8,2	2	7,2			•	
	Fleeces ATF7	350g/m <sup>2</sup>	7690, 9854, 9896	19 (EBT)	2	16		31,4	•	
	Softshells ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	24,3	2	20	90,6	28,4	•	
<b>Workwear</b>	Sio-Safe™ Essential Light APIR	245g/m <sup>2</sup>	074V, 075V	8,4	2	7,6		28,8	•	
	Sio-Safe™ Essential Light APFB	260g/m <sup>2</sup>	009V, 010V, 012V, 013V, 017V, 018V, 088V	9,4	2	8,2	78,8		•	
	Sio-Safe™ Essential APFA	350g/m <sup>2</sup>	008V, 009V, 010V, 011V, 012V, 013V, 014V, 015V, 016V, 017V, 018V, 066V, 067V, 072V, 073V, 088V	15,2	2	11,7	82,2		•	
	Sio-Safe™ Essential Eco APJH	320g/m <sup>2</sup>	084V, 085V, 086V, 087V	11	2	9,7			•	
	Sio-Safe™ Extra Light APIP	260g/m <sup>2</sup>	020V, 022V, 026V, 077V, 078V, 081V, 850V, 892V	8	2	7	68		•	
	Sio-Safe™ Extra Eco APF9	300g/m <sup>2</sup>	019V, 020V, 021V, 022V, 023V, 024V, 026V, 031V, 079V, 080V, 082V	8,8	2	7,6			•	
	Sio-Safe™ Extra APFD	320g/m <sup>2</sup>	020V, 022V, 024V, 026V	8,8	2	7,6		25,6	•	
	Sio-Safe™ Supra APIT (with lining)	400g/m <sup>2</sup>	057V, 058V, 059V, 060V	20	2	20				•
<b>Rainwear</b>	Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1005, 1004, 1006	40,5	4	36,6	93,5	28,4 (without lining)		•
	Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430, 7276, 7277	9,1	2	8,3			•	
	Siopor® ExcellArc AET2 (with lining APVF)	400g/m <sup>2</sup>	7530	28	3	26				•
	Siopor® ExcellArc AET2 (with detachable lining ATF6)	530g/m <sup>2</sup>	8524	38 (EBT)	3	33				•
	Siopor® ExcellArc AET2 (with winter lining All2)	610g/m <sup>2</sup>	5909	40	4	34				•
	Sio-Safe™ Extra Eco APJD (with linings)	550g/m <sup>2</sup>	7297	22	2	20				•

**Bold & • = Tested**



# ARC Configurator

**Increase the level  
of ARC protection by  
multilayering garments.**

When selecting personal protective clothing to be worn in multirisk 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.



SIOEN



# WHEN COMBINING DIFFERENT LAYERS OF GARMENTS, THE LEVEL OF PROTECTION INCREASES

## 1. ARC Bodywear

Keeps you dry and warm



## 2. ARC Thermal wear

Keeps you warm and also conforms to multinorm standards



## 3. ARC Workwear

Combines optimal protection and wearer comfort



## 4. ARC Rainwear

Keeps you protected and weatherproof



A higher level of ARC protection can be obtained by combining and wearing different ARC protective garments together. The air in between the different garment layers also 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. In doing so, the level of protection offered by the combination of these garments is increased.

When doing other maintenance work where no ARC class 2 level 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 protection level.



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 flash. Each garment has an ATPV or Elim value. **The higher the value, the higher the protection level that needs to be offered to the worker in case of exposure to these kinds 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 - FIRST LAYER ARC BODYWEAR

Some examples with **ARC bodywear** as a first layer



Example 01

<b>First layer</b> Polo shirt - 496AA2MR2		+	<b>Second layer</b> Workwear - 009VA2PFA	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 5,9 cal/cm <sup>2</sup> (ELIM) 6,6 cal/cm <sup>2</sup> (EBT)		IEC 61482-1-2: Class 1	IEC 61482-1-1: 11,7 cal/cm <sup>2</sup> (ELIM) 15,2 cal/cm <sup>2</sup> (ATPV)
496AA2MR2 + 009VA2PFA				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 41 cal/cm <sup>2</sup> (ELIM) 44,8 cal/cm <sup>2</sup> (ATPV)	

Example 02

<b>First layer</b> Shirt - 068VA2PIC		+	<b>Second layer</b> Softshell - 9633A2TV4	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 6,4 cal/cm <sup>2</sup> (ELIM) 6,9 cal/cm <sup>2</sup> (ATPV)		IEC 61482-1-2: Class 1	IEC 61482-1-1: 20 cal/cm <sup>2</sup> (ELIM) 24,3 cal/cm <sup>2</sup> (ATPV)
068VA2PIC + 9633A2TV4				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 28,9 cal/cm <sup>2</sup> (ELIM) 33,2 cal/cm <sup>2</sup> (ATPV)	

Example 03

<b>First layer</b> Polo-shirt - 542AA2MR2		+	<b>Second layer</b> Workwear - 010VA2PFA	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 5,9 cal/cm <sup>2</sup> (ELIM) 6,6 cal/cm <sup>2</sup> (EBT)		IEC 61482-1-2: Class 1	IEC 61482-1-1: 11,7 cal/cm <sup>2</sup> (ELIM) 15,2 cal/cm <sup>2</sup> (ATPV)
542AA2MR2 + 010VA2PFA				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 41 cal/cm <sup>2</sup> (ELIM) 44,8 cal/cm <sup>2</sup> (ATPV)	



## First layer: ARC bodywear

Please find the configuration options that are possible when using **ARC bodywear as a first layer** in your multilayer garment configuration below.

First layer			+	Second layer			=	Combination						
Type	Weight	Styles	Type	Weight	Styles	ATPV/ EBT (cal/cm <sup>2</sup> )	PPE Cate- gory	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2		
Underwear AMF2	220 g/m <sup>2</sup>	462A, 463A	Polo-shirts AMR2A	220 g/m <sup>2</sup>	496A, 527A, 542A, 581A, 807A	<b>15,2 (EBT)</b>	<b>2</b>	<b>14</b>	<b>89</b>		•			
			Polo-shirt A1PO	215 g/m <sup>2</sup>	554A, 610A, 806A	11,2	2	10,0				•		
			Polo-shirts AMF4	230 g/m <sup>2</sup>	580A, 742A	<b>35 (EBT)</b>	<b>3</b>	<b>26</b>					•	
			Shirts APIC	180 g/m <sup>2</sup>	065V, 068V,076V	12,6	2	11,5					•	
			Sweater AMR5	310 g/m <sup>2</sup>	549A, 616A,635A	<b>30,8 (EBT)</b>	<b>3</b>	<b>29</b>	<b>92,5</b>					•
			Sweater AMPJ	350 g/m <sup>2</sup>	650A	13,9	2	12,3					•	
			Fleece ATF7	350 g/m <sup>2</sup>	7690, 9854,9896	24,7	2	21,1						
			Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	30,0	3	25,1						•
			Sio-Safe™ Essential Light APIR	245 g/m <sup>2</sup>	074V, 075V	14,1	2	12,7						•
			Sio-Safe™ Essential Light APFB	260 g/m <sup>2</sup>	009V, 010V, 012V, 013V, 017V, 018V, 088V	15,1	2	13,3						•
			Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V, 010V, 011V, 012V, 013V, 014V, 015V, 016V, 017V, 018V, 066V, 067V, 072V, 073V, 088V	20,9	2	16,8						
			Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	084V, 085V, 086V, 087V	16,7	2	14,8						
			Sio-Safe™ Extra Light APIP	260 g/m <sup>2</sup>	020V, 022V,026V, 077V,078V, 081V,850V, 892V	<b>27</b>	<b>3</b>	<b>25</b>						•
			Sio-Safe™ Extra Eco APF9	300 g/m <sup>2</sup>	019V, 020V, 021V, 022V, 023V, 024V, 026V, 031V, 079V, 080V, 082V	14,5	2	12,7						•
Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 022V, 024V, 026V	14,5	2	12,7						•			
Sio-Safe™ Supra APIT (with lining)	400 g/m <sup>2</sup>	057V, 058V, 059V, 060V	25,7	3	25,1						•			
Underwear AMPC	180 g/m <sup>2</sup>	2689, 2690, 501A, 502A 518A, 519A, 539A, 540A	Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V, 010V, 011V, 012V, 013V, 014V, 015V, 016V, 017V, 018V, 066V, 067V, 072V, 073V, 088V	<b>17,3</b>	<b>2</b>	<b>14,3</b>	<b>87,3</b>		•			
Polo shirts A1PO	215g/m <sup>2</sup>	554A, 610A	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	<b>35</b>	<b>3</b>	<b>27</b>						
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	7229, 7329, 7330, 7331, 7333, 7429, 7430	14,64	2							

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

Continued on the next page →

## First layer: ARC bodywear

First layer			+	Second layer			=	Combination						
Type	Weight	Styles	Type	Weight	Styles	ATPV/ EBT (cal/cm <sup>2</sup> )	PPE Cate- gory	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2		
Polo-shirts AMR2A	220 g/m <sup>2</sup>	496A, 527A, 542A, 581A, 807A	Shirts APIC	180 g/m <sup>2</sup>	065V, 068V,076V	13,5	2	12,3			•			
			Sweater AMR5	310 g/m <sup>2</sup>	549A, 616A,635A	20,6	2	17,9						
			Sweater AMPJ	310 g/m <sup>2</sup>	650A	14,8	2	13,1				•		
			Fleece ATF7	350 g/m <sup>2</sup>	7690, 9854,9896	<b>38,4</b>	<b>3</b>	<b>31,3</b>	<b>92,3</b>					•
			Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	<b>44,9</b>	<b>4</b>	<b>42,2</b>	<b>93,2</b>					•
			Sio-Safe™ Essential Light APIR	245 g/m <sup>2</sup>	074V	15,0	2	13,5					•	
			Sio-Safe™ Essential Light APFB	260 g/m <sup>2</sup>	009V, 010V, 017V, 018V	16,0	2	14,1					•	
			Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V,010V, 016V,017V, 018V,066V, 072V	<b>44,8</b>	<b>4</b>	<b>41</b>	<b>94,2</b>					•
			Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	086V, 087V	17,6	2	15,6					•	
			Sio-Safe™ Extra Light APIP	260 g/m <sup>2</sup>	020V, 026V, 077V,850V, 892V	14,6	2	12,9					•	
			Sio-Safe™ Extra Eco APF9	300 g/m <sup>2</sup>	019V, 020V,026V, 031V,079V	15,4	2	13,5						•
			Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 026V	15,4	2	13,5						•
			Sio-Safe™ Supra APIT (with lining)	320 g/m <sup>2</sup>	057V, 059V	26,6	3	25,9						•
			Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240,1005, 1006	47,1	4	42,5						•
			Siopor <sup>2</sup> ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	5908, 7229, 7329,7330, 7331,7333, 7429,7430	15,7	2	14,2						
Siopor <sup>2</sup> ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	34,6	3	31,9						•			
Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	28,6	3	25,9						•			
Polo shirts AMF4	230 g/m <sup>2</sup>	580A, 742A	Shirts APIC	180 g/m <sup>2</sup>	065V, 068V,076V	21,6	2	16,4						
			Sweater AMR5	310 g/m <sup>2</sup>	549A, 616A,635A	28,7	3	22,0					•	
			Sweater AMPJ	350 g/m <sup>2</sup>	650A	22,9	2	17,2						
			Fleece ATF7	350 g/m <sup>2</sup>	7690, 9854,9896	33,7	3	26,0						•
			Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	39,0	3	30,0						•
			Sio-Safe™ Essential Light APIR	245 g/m <sup>2</sup>	074V	23,1	2	17,6						
			Sio-Safe™ Essential Light APFB	260 g/m <sup>2</sup>	009V, 010V, 017V, 018V	24,1	2	18,2						
			Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V,010V, 016V,017V, 018V,066V, 072V	29,9	3	21,7						•

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

Continued on the next page →



First layer: ARC bodywear



First layer			+	Second layer			=	Combination						
Type	Weight	Styles	Type	Weight	Styles	ATPV/ EBT (cal/cm <sup>2</sup> )	PPE Cate- gory	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2		
Polo shirts AMF4	230 g/m <sup>2</sup>	580A, 742A	Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	086V, 087V	25,7	3	19,7				•		
			Sio-Safe™ Extra Light APIP	260 g/m <sup>2</sup>	020V, 026V, 077V,850V, 892V	22,7	2	17,0						
			Sio-Safe™ Extra Eco APF9	300 g/m <sup>2</sup>	019V, 020V,026V, 031V,079V	23,5	2	17,6						
			Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 026V	23,5	2	17,6						
			Sio-Safe™ Supra APIT (with lining)	400 g/m <sup>2</sup>	057V, 059V	34,7	3	30,0					•	
			Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240,1005, 1006	55,2	4	46,6						•
			Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	5908, 7229, 7329,7330, 7331,7333, 7429,7430	23,8	2	18,3						
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	42,7	4	36,0						•
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	36,7	3	30,0						•
Shirts APIC	180 g/m <sup>2</sup>	065V, 068V, 076V	Sweater AMR5	310 g/m <sup>2</sup>	549A, 616A,635A	20,9	2	18,4						
			Sweater AMPJ	350 g/m <sup>2</sup>	650A	15,1	2	13,6				•		
			Fleece ATF7	350 g/m <sup>2</sup>	7690, 9854,9896	25,9	3	22,4					•	
			Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	<b>33,2</b>	<b>3</b>	<b>28,9</b>	<b>92,4</b>					•
			Sio-Safe™ Essential Light APIR	245 g/m <sup>2</sup>	074V	15,3	2	14,0					•	
			Sio-Safe™ Essential Light APFB	260 g/m <sup>2</sup>	009V, 010V, 017V, 018V	16,3	2	14,6						
			Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V,010V, 016V,017V, 018V,066V, 072V	<b>21</b>	<b>2</b>	<b>19</b>						•
			Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	086V, 087V	17,9	2	16,1						
			Sio-Safe™ Extra Light APIP	260 g/m <sup>2</sup>	020V, 026V, 077V,850V, 892V	14,9	2	13,4					•	
			Sio-Safe™ Extra Eco APF9	300 g/m <sup>2</sup>	019V, 020V,026V, 031V,079V	<b>18</b>	<b>2</b>	<b>16</b>						•
			Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 026V	15,7	2	14,0						
			Sio-Safe™ Supra APIT (with lining)	400 g/m <sup>2</sup>	057V, 059V	26,9	3	26,4						•
			Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240, 1005, 1006	47,4	4	43,0						•
			Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	5908, 7229, 7329,7330, 7331,7333, 7429,7430	16,0	2	14,7						
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	34,9	3	32,4						•
Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	28,9	3	26,4						•			

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

# ARC CONFIGURATOR - FIRST LAYER ARC THERMAL WEAR

Some examples with **ARC thermal wear as a first layer**

Example 01

<b>First layer</b>		+	<b>Second layer</b>	
Sweater - 549AA2MR5			Sio-Safe™ Essential - 009VA2PFA	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 12 cal/cm <sup>2</sup> (ELIM) 14 cal/cm <sup>2</sup> (EBT)		IEC 61482-1-2: Class 1	IEC 61482-1-1: 11,7 cal/cm <sup>2</sup> (ELIM) 15,2 cal/cm <sup>2</sup> (ATPV)
549AA2MR5 + 009VA2PFA				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 46 cal/cm <sup>2</sup> (ELIM) 50,2 cal/cm <sup>2</sup> (EBT)	

Example 02

<b>First layer</b>		+	<b>Second layer</b>	
Fleece - 9896N3TF7			Sio-Safe™ Essential - 010VA2PFA	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 16 cal/cm <sup>2</sup> (ELIM) 19 cal/cm <sup>2</sup> (EBT)		IEC 61482-1-2: Class 1	IEC 61482-1-1: 11,7 cal/cm <sup>2</sup> (ELIM) 15,2 cal/cm <sup>2</sup> (ATPV)
9896N3TF7 + 010VA2PFA				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 27,7 cal/cm <sup>2</sup> (ELIM) 34,2 cal/cm <sup>2</sup> (ATPV)	



## First layer: ARC thermal wear

Please find the configuration options that are possible when using

**ARC thermal wear as a first layer** in your multilayer garment configuration below.



First layer			+	Second layer			=	Combination							
Type	Weight	Styles	Type	Weight	Styles	ATPV/ EBT (cal/cm <sup>2</sup> )	PPE Cate- gory	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2			
Sweater AMR5	310 g/m <sup>2</sup>	549A, 616A, 635A	Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	38,3	3	32,0				•			
			Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	086V, 087V	25,0	3	21,7					•		
			Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	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 Eco APF9	300 g/m <sup>2</sup>	019V, 020V, 026V, 031V, 079V	22,8	2	19,6							
			Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 026V	22,8	2	19,6							
			Sio-Safe™ Supra APIT (with lining)	400 g/m <sup>2</sup>	057V, 059V	34,0	3	32,0						•	
			Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240, 1005, 1006	54,5	4	48,6						•	
			Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430	23,1	2	20,3							
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	42,0	4	38,0							•
Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	36,0	3	32,0							•			
Fleeces ATF7	350 g/m <sup>2</sup>	7690, 9854, 9896	Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V, 010V, 016V, 017V, 018V, 066V, 072V	34,2	3	27,7					•		
			Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	086V, 087V	30,0	3	25,7						•	
			Sio-Safe™ Extra Eco APF9	300 g/m <sup>2</sup>	019V, 020V, 026V, 031V, 079V	27,8	3	23,6						•	
			Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 026V	27,8	3	23,6						•	
			Sio-Safe™ Supra APIT (with lining)	400 g/m <sup>2</sup>	057V, 059V	39,0	3	36,0						•	
			Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240, 1005, 1006	59,5	4	52,6						•	
			Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430	28,1	3	24,3							•
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	47,0	4	42,0							•
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	41,0	4	36,0							•
Fleeces ATF6	260 g/m <sup>2</sup>	7870	Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430	<b>38 (EBT)</b>	<b>3</b>	<b>33</b>					•		
Softshells ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240, 1005, 1006	64,8	4	56,6					•		
			Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	7229, 7329, 7330, 7331, 7333, 7429, 7430	<b>51,65</b>	<b>4</b>	<b>45</b>					•		
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	52,3	4	46,0						•	
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	46,3	4	40,0						•	

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



# ARC CONFIGURATOR - FIRST LAYER ARC WORKWEAR

Some examples with **ARC Workwear** as a first layer

Example 01

<b>First layer</b> Sio-Safe™ Essential - 010VA2PFA		+	<b>Second layer</b> Sio-Safe™ Aqua - 7227N2LK2	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 11,7 cal/cm <sup>2</sup> (ELIM) 15,2 cal/cm <sup>2</sup> (ATPV)		IEC 61482-1-2: Class 2	IEC 61482-1-1: 36,6 cal/cm <sup>2</sup> (ELIM) 40,5 cal/cm <sup>2</sup> (ATPV)
010VA2PFA + 7227A2LK2				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 49,3 cal/cm <sup>2</sup> (ELIM) 55,2 cal/cm <sup>2</sup> (ATPV)	

Example 02

<b>First layer</b> Sio-Safe™ Extra - 019VA2PF9		+	<b>Second layer</b> Sio-Safe™ Aqua - 7227N2LK2	
				
IEC 61482-1-2: Class 1	IEC 61482-1-1: 7,6 cal/cm <sup>2</sup> (ELIM) 8,8 cal/cm <sup>2</sup> (ATPV)		IEC 61482-1-2: Class 2	IEC 61482-1-1: 36,6 cal/cm <sup>2</sup> (ELIM) 40,5 cal/cm <sup>2</sup> (ATPV)
019VA2PF9 + 7227A2LK2				
IEC 61482-1-2: Class 2		=	IEC 61482-1-1: 44,2 cal/cm <sup>2</sup> (ELIM) 49,3 cal/cm <sup>2</sup> (ATPV)	



## First layer: ARC workwear

Please find the configuration options that are possible when using **ARC workwear as a first layer** in your multilayer garment configuration below.

First layer			+	Second layer			=	Combination					
Type	Weight	Styles	Type	Weight	Styles	ATPV/ EBT (cal/cm <sup>2</sup> )	PPE Cate- gory	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2	
Sio-Safe™ Essential Light APIR	245g/m <sup>2</sup>	074V, 075V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	32,7	3	27,6				•	
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004,1005, 1006	48,9	4	44,2				•	
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329,7330, 7331,7333, 7429,7430, 7276, 7277	17,5	2	15,9					
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	36,4	3	33,6					•
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	30,4	3	27,6					•
Sio-Safe™ Essential Light APFB	260 g/m <sup>2</sup>	009V,010V, 012V, 013V, 017V, 018V, 088V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	33,7	3	28,2				•	
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004,1005, 1006	49,9	4	44,8					•
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329,7330, 7331,7333, 7429,7430, 7276, 7277	18,5	2	16,5					
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	37,4	3	34,2					•
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	31,4	3	28,2					•
Sio-Safe™ Essential APFA	350 g/m <sup>2</sup>	008V, 009V, 010V, 011V, 012V, 013V, 014V, 015V, 016V, 017V, 018V, 066V, 067V, 072V, 073V, 088V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334,9705, 9633,9634	39,5	3	31,7				•	
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004, 1005, 1006	<b>55,2</b>	<b>4</b>	<b>49,3</b>	<b>96</b>				•
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329,7330, 7331,7333, 7429,7430, 7276, 7277	24,3	2	20,0					•
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	43,2	4	37,7					•
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	37,2	3	31,7					•
Sio-Safe™ Essential Eco APJH	320 g/m <sup>2</sup>	084V, 085V, 086V, 087V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	35,3	3	29,7				•	
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004, 1005, 1006	51,5	4	46,3					•
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430, 7276, 7277	20,1	2	18,0					
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	39,0	3	35,7					•
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	33,0	3	29,7					•

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

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First layer			+	Second layer			=	Combination					
Type	Weight	Styles	Type	Weight	Styles	ATPV/ EBT (cal/cm <sup>2</sup> )	PPE Cate- gory	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2	
Sio-Safe™ Extra Eco APF9	300 g/m <sup>2</sup>	019V, 020V, 021V, 022V, 023V, 024V, 026V, 031V, 079V, 080V, 082V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	<b>38</b>	<b>3</b>	<b>32</b>				●	
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004, 1005, 1006	49,3	4	44,2				●	
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430, 7276, 7277	17,9	2	15,9					
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	36,8	3	33,6					●
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	30,8	3	27,6					
Sio-Safe™ Extra APFD	320 g/m <sup>2</sup>	020V, 022V, 024V, 026V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	33,1	3	27,6					●
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004, 1005, 1006	49,3	4	44,2					●
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430, 7276, 7277	17,9	2	15,9					
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	36,8	3	33,6					●
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	30,8	3	27,6					
Sio-Safe™ Extra Light APIP	260g/m <sup>2</sup>	020V, 022V, 026V, 077V, 078V, 081V, 850V, 892V	Softshell ATV4	350g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	32,3	3	27,0					●
			Sio-Safe™ Aqua ALK2 (with lining)	495g/m <sup>2</sup>	7227, 7240, 1004, 1005, 1006	48,5	4	43,6					●
			Siopor® ExcellArc AET2 (without lining)	270g/m <sup>2</sup>	1107, 5908, 7229, 7329, 7330, 7331, 7333, 7429, 7430, 7276, 7277	<b>39</b>	<b>3</b>	<b>29</b>					●
			Siopor® ExcellArc AET2 (with lining APVF)	400 g/m <sup>2</sup>	7530	36,0	3	33,0					●
			Sio-Safe™ Extra Eco APJD (with linings)	550 g/m <sup>2</sup>	7297	30,0	3	27,0					

*Italic & ●* = Deducted    **Bold & ●** = Tested





Hedland  
7223N3EF7  
+  
Gladstone  
5729N3EF7

# ARC CONFIGURATOR - 3 GARMENT SYSTEMS

Some examples with a **multilayer garment configuration of 3 garments**

Example 01

<b>First layer</b> Shirt - 462AA2MF2	<b>Second layer</b> Polo shirt - 581AA2MR2	<b>Third layer</b> Softshell - 9705A2TV4
		
IEC 61482-1-2: Class 1	IEC 61482-1-1: 5,1 cal/cm <sup>2</sup> (ELIM) 5,7 cal/cm <sup>2</sup> (EBT)	IEC 61482-1-2: Class 1
	IEC 61482-1-1: 5,9 cal/cm <sup>2</sup> (ELIM) 6,6 cal/cm <sup>2</sup> (EBT)	IEC 61482-1-1: 20 cal/cm <sup>2</sup> (ELIM) 24,3 cal/cm <sup>2</sup> (ATPV)
462AA2MF2 + 581AA2MR2 + 9705A2TV4		
IEC 61482-1-2: Class 2		IEC 61482-1-1: 48 cal/cm <sup>2</sup> (ELIM) 52,2 cal/cm <sup>2</sup> (EBT)

Example 02

<b>First layer</b> Polo shirt - 581AA2MR2	<b>Second layer</b> Softshell - 9705A2TV4	<b>Third layer</b> Siopor® Excell - 7330A2ET2
		
IEC 61482-1-2: Class 1	IEC 61482-1-1: 5,9 cal/cm <sup>2</sup> (ELIM) 6,6 cal/cm <sup>2</sup> (EBT)	IEC 61482-1-2: Class 1
	IEC 61482-1-1: 20 cal/cm <sup>2</sup> (ELIM) 24,3 cal/cm <sup>2</sup> (ATPV)	IEC 61482-1-1: 8,3 cal/cm <sup>2</sup> (ELIM) 9,1 cal/cm <sup>2</sup> (ATPV)
581AA2MR2 + 9705A2TV4 + 7330A2ET2		
IEC 61482-1-2: Class 2		IEC 61482-1-1: 34,2 cal/cm <sup>2</sup> (ELIM) 40 cal/cm <sup>2</sup> (ATPV)



### 3 garment systems

Please find the configuration options that are possible when using a **multilayer garment configuration of 3 garments** in your multilayer garment configuration below.

First layer			+	Second layer			+	Third layer			=	Combination				
Type	Weight	Styles	Type	Weight	Styles	Type	Weight	Styles	ATPV/EBT (cal/cm <sup>2</sup> )	PPE Category	ELIM	HAF%	LOI%	ARC CL 1	ARC CL 2	
Underwear AMF2	220 g/m <sup>2</sup>	462A	Polo-shirts AMR2A	220 g/m <sup>2</sup>	496A, 527A, 542A, 581A, 807A	Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	<b>52,2 (EBT)</b>	4	48	93,6			•	
Underwear AMF2	220 g/m <sup>2</sup>	462A	Polo-shirts AMF4	230 g/m <sup>2</sup>	580A, 742A	Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	44,7	4	35,1				•	
Polo-shirts AMF4	230 g/m <sup>2</sup>	580A, 742A	Fleece ATF7	350 g/m <sup>2</sup>	7690, 9854, 9896	Sio-Safe™ Aqua ALK2 (with lining)	495 g/m <sup>2</sup>	7227, 7240, 1005, 1006	74,2	4	62,6				•	
Polo-shirts AMR2A	220 g/m <sup>2</sup>	496A, 527A, 542A, 581A, 807A	Softshell ATV4	350 g/m <sup>2</sup>	7332, 7334, 9705, 9633, 9634	Siopor® ExcellArc AET2 (without lining)	270 g/m <sup>2</sup>	7229, 7329, 7330, 7331, 7333, 7429, 7430	40	4	34,2				•	

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

# BODYWEAR

## ARC UNDERWEAR

**Tiolo**

462AA2MF2



B97 Navy blue

**Glato**

463AA2MF2



B97 Navy blue

**Artig**

559AA2MF2



B97 Navy blue

**Togny**

560AA2MF2



B97 Navy blue

## ARC POLO SHIRTS

**Forbes**

496AA2MR2



B75 Navy blue

**Telfs**

581AA2MR2



017 Navy/Hi-vis yellow



**Elgin**

527AA2MR2



FY1 Hi-Vis Yellow

**NEW**

**Augustine**

807AA2MR2



FY1 Hi-Vis Yellow



**Ardva**

542AA2MR2



278 Hi-Vis Yellow/Navy



**NEW**

**Epsom**

742AA2MF4



065 Hi-Vis Yellow/Navy

**NEW**

**Bladel**

580AA2MF4



B90 Navy blue



**Lerby**

554AA21P0



FC1 Hi-Vis Orange

**Dronten**

610AA21P0



FC1 Hi-Vis Orange

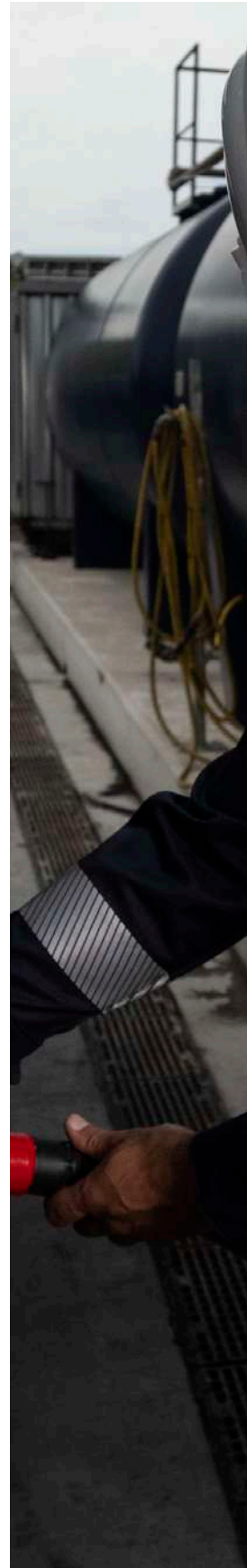
**NEW**

**Amelia**

806AA21P0



FC1 Hi-Vis Orange







Colne  
068VA2PIC

## ARC SHIRTS

**Kendal**  
065VA2PIC



B98 Navy blue

**Colne**  
068VA2PIC

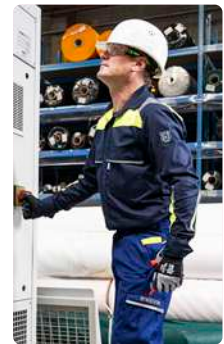


049 Hi-Vis Yellow/Navy

**Rufford**  
076VA2PIC



987 Navy/Hi-vis yellow



# THERMAL WEAR

## ARC CAPS

**Heron**  
1007N2TF7



B75 Navy blue

**Kolding**  
368AC2MXD



B75 Navy blue

**Utby**  
1928N2TF7



B75 Navy blue  
FY1 Hi-Vis Yellow

## ARC FLEECE JACKETS



**Arlier**  
9896N3TF7

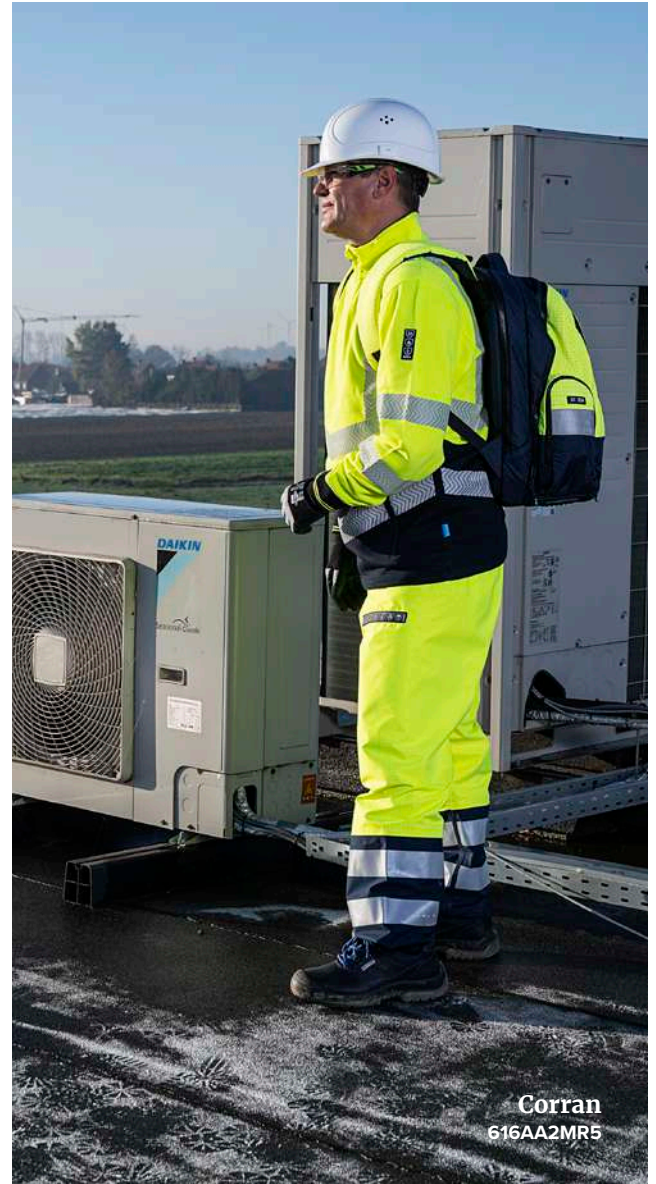


278 Hi-Vis Yellow/Navy

**Tobado**  
7690N4TF7



B75 Navy blue



**Corran**  
616AA2MR5

## ARC SWEATERS

**Druten**  
635AA2MR5



B75 Navy blue

**Melfi**  
549AA2MR5



B75 Navy blue

**Urbino**  
9854N3TF7



B75 Navy blue

**Corran**  
616AA2MR5



278 Hi-Vis Yellow/Navy



**Kurow**  
650AA2MPJ



279 Hi-Vis Orange/Navy



## ARC SOFTSHELL

**Playford**  
9633N2TV4



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy  
952 Hi-Vis Yellow/Grey

**Cardinia**  
9634N2TV4



B75 Navy blue

**Hollum**  
7334A2TV4



FC1 Hi-Vis Orange

**Umiat**  
9705A2TV4



017 Navy/Hi-vis yellow



**Playford**  
9633N2TV4

**Heika**  
7332A2TV4



Multinorm jacket with ARC protection, ladies fit, elongated back, 2 loops for gas detectors, flame retardant segmented reflective striping, 3-layer softshell, wristband with sleeve narrowing.



**Heika**  
7332A2TV4



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**SIO-SAFE™ ESSENTIAL LIGHT**

**SIO-SAFE™**  
ESSENTIAL LIGHT

**Ramea**  
009VA2PFB



B98 Navy blue

**Moreda**  
012VN3PFB

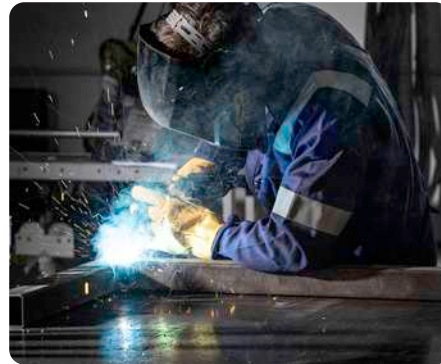


B98 Navy blue

**NEW**  
**Olar**  
088VA2PFB



B98 Navy blue



**Devona**  
017VN2PFB



B98 Navy blue  
C36 Orange

**Vendat**  
010VA2PFB



049 Hi-Vis Yellow/Navy

**Ambok**  
013VN2PFB



049 Hi-Vis Yellow/Navy

**Macas**  
018VN3PFB



049 Hi-Vis Yellow/Navy

**Laruns**  
074VA2PIR



217 Sailor blue/Hi-vis yellow  
249 Navy/Hi-vis yellow



**Barcus**  
075VA2PIR



217 Sailor blue/Hi-vis yellow  
249 Navy/Hi-vis yellow



**Laruns**  
074VA2PIR  
+  
**Barcus**  
075VA2PIR



**NEW**  
**Calanques**  
084VA2PJH



987 Navy/Hi-vis yellow

**NEW**  
**Rondane**  
085VA2PJH



049 Hi-Vis Yellow/Navy

**NEW**  
**Komodo**  
087VA2PJH



049 Hi-Vis Yellow/Navy

**Jasper**  
086VA2PJH

ECO jacket, multinorm jacket with ARC protection, soft, comfortable and breathable, designed for disassembly, 2 loops for gas detectors, wristband with sleeve narrowing, flame retardant reflective tape



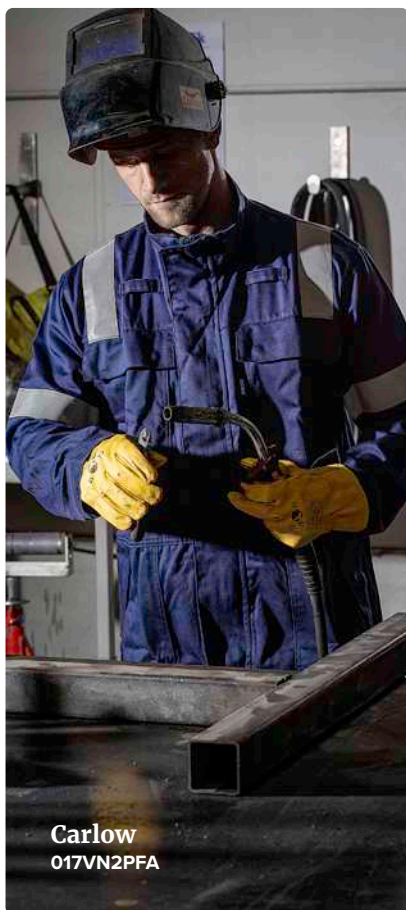
**NEW**  
**Jasper**  
086VA2PJH



987 Navy/Hi-vis yellow



**Jasper**  
086VA2PJH  
+  
**Calanques**  
084VA2PJH



**SIO-SAFE™ ESSENTIAL**

**SIO-SAFE™**  
ESSENTIAL

**Obera**  
008VA2PFA



H46 Royal Blue  
B98 Navy blue  
M44 Grey

**Zarate**  
011VN2PFA



H46 Royal Blue  
B98 Navy blue  
M44 Grey

**Valera**  
014VN2PFA



B98 Navy blue  
M44 Grey  
H46 Royal Blue

**Anaco**  
016VN2PFA



B98 Navy blue

**Montero**  
009VA2PFA



M44 Grey  
B98 Navy blue  
H46 Royal Blue

**Corinto**  
012VN3PFA



B98 Navy blue  
H46 Royal Blue  
M44 Grey

**NEW**

**Micco**  
088VA2PFA



B98 Navy blue

**Carlow**  
017VN2PFA



B98 Navy blue  
H46 Royal Blue  
C36 Orange  
R26 Red

**Oroya**  
072VA2PFA



B98 Navy blue

**Casma**  
073VA2PFA



B98 Navy blue

**Kasie**  
066VA2PFA



049 Hi-Vis Yellow/Navvy

**Lesha**  
067VA2PFA



049 Hi-Vis Yellow/Navvy

**Millau**  
010VA2PFA



049 Hi-Vis Yellow/Navvy

**Royan**  
013VN2PFA



049 Hi-Vis Yellow/Navvy

**Bayonne**  
015VN2PFA



049 Hi-Vis Yellow/Navvy

**Autun**  
018VN3PFA



049 Hi-Vis Yellow/Navvy





**Orlu**  
020VA2PIP

**Bakki**  
022VN2PIP

## SIO-SAFE™ EXTRA LIGHT

**SIO-SAFE™**  
EXTRA LIGHT

**Orlu**  
020VA2PIP



049 Hi-Vis Yellow/Navy  
048 Hi-Vis Orange/Navy

**Bakki**  
022VN2PIP



049 Hi-Vis Yellow/Navy  
048 Hi-Vis Orange/Navy

**Mornant**  
026VN2PIP



048 Hi-Vis Orange/  
Navy

**Ingon**  
077VA2PIP



FC1 Hi-Vis Orange

**Malton**  
078VA2PIP



FC1 Hi-Vis Orange

**Empe**  
081VA2PIP



FC1 Hi-Vis Orange

**Warwick**  
892VC2PIP



FC1 Hi-Vis Orange



**Marrum**  
850VA2PIP



FC1 Hi-Vis Orange

# WORKWEAR



Reggio  
020VA2PF9  
+  
Matour  
022VN2PF9

## SIO-SAFE™ EXTRA ECO

SIO-SAFE™  
EXTRA ECO

**Modena**  
019VA2PF9



H46 Royal Blue  
B98 Navy blue

**Varese**  
021VN2PF9



B98 Navy blue  
H46 Royal Blue

**Gramat**  
023VN2PF9



B98 Navy blue  
H46 Royal Blue

**Sartis**  
079VA2PF9



B98 Navy blue

**Rumes**  
080VA2PF9



B98 Navy blue

**Grimma**  
082VA2PF9



B98 Navy blue

**Couvin**  
031VN2PF9



B98 Navy blue

**Reggio**  
020VA2PF9



049 Hi-Vis Yellow/Navy

**Matour**  
022VN2PF9



049 Hi-Vis Yellow/Navy

**Ambier**  
024VN2PF9



049 Hi-Vis Yellow/Navy

**Fareins**  
026VN2PF9



049 Hi-Vis Yellow/Navy





**Lobau**  
059VA2PIT

**SIO-SAFE™ EXTRA**

**SIO-SAFE™ EXTRA**

**Larrau**  
020VA2PFD



048 Hi-Vis Orange/Navy



**Arudy**  
022VN2PFD



048 Hi-Vis Orange/Navy

**Viana**  
024VN2PFD



048 Hi-Vis Orange/Navy

**Guardo**  
026VN2PFD



048 Hi-Vis Orange/Navy

**SIO-SAFE™ SUPRA / APC2**

**SIO-SAFE™ SUPRA**

**Godern**  
057VA2PIT



B98 Navy blue

**Pathal**  
061VA2PFD



048 Hi-Vis Orange/Navy

**Lobau**  
059VA2PIT



049 Hi-Vis Yellow/Navy

**Hanfeld**  
058VA2PIT



B98 Navy blue

**Leste**  
062VA2PFD



048 Hi-Vis Orange/Navy

**Karden**  
060VA2PIT



049 Hi-Vis Yellow/Navy

# RAINWEAR

## SIOPOR™ EXCELL / EXCELL ARC I APC1



**Falcon**  
7229A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Fondal**  
7429A2ET2



B90 Navy blue

**Kaldvik**  
7329A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Grindal**  
7430A2ET2



B75 Navy blue

**Beltrum**  
7333A2ET2



FC1 Hi-Vis Orange

**Vaski**  
7331A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy



**Aksdal**  
5908A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Torvik**  
7330A2ET2

Premium high-visibility rain jacket with ARC protection, flame-retardant segmented reflective striping, elongated back, lightweight Siopor™ Excell fabric ( $\pm 280 \text{ g/m}^2$ ), hood can be added (not included), YKK zip closure, 2 loops for gas detectors, pre-shaped sleeve ends with sleeve narrowing.



**Torvik**  
7330A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy  
952 Hi-Vis Yellow/Grey



**Akrar**  
7203A2ET2



B75 Navy blue  
M44 Grey

**Lopra**  
7204A2ET2



B75 Navy blue

**Hovi**  
7276A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy  
952 Hi-Vis Yellow/Grey



**Ulvik**  
7277A2ET2



B75 Navy blue

**NEW**  
**Winchester**  
1107A2ET2



FC1 Hi-Vis Orange  
FY1 Hi-Vis Yellow

**Talsi**  
7530A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Bjoldal**  
5909A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**NEW**  
**Alvin**  
4025A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy

**Tigas**  
7205A2ET2



B75 Navy blue

**Frovik**  
8524A2ET2

High-visibility rain bomber jacket with APC protection, flame-retardant segmented reflective stripes, lightweight Siopor™ Excell fabric ( $\pm 280 \text{ g/m}^2$ ), detachable flame-retardant fleece lining (index 3), wristband with sleeve narrowing, hood can be added (not included), bomber jacket combined with the added lining = APC2, 2 loops for gas detectors, elongated back, elasticated waist.

**NEW**  
**Frovik**  
8524A2ET2



278 Hi-Vis Yellow/Navy  
279 Hi-Vis Orange/Navy









## RAINWEAR

### SIO-SAFE™ AQUA | APC2

### SIO-SAFE™ AQUA

**Nash**  
7227N2LK2



143 Hi-Vis Yellow/Navy

**Newton**  
7240A2LK2



BS0 Blue

**Kelford**  
1005A2LK2



143 Hi-Vis Yellow/Navy

**Pedley**  
1004A2LK2



143 Hi-Vis Yellow/Navy

**Bowes**  
1006A2LK2



143 Hi-Vis Yellow/Navy

**Anderson**  
7242A2LE9



BS0 Blue

### SIO-SAFE™ EXTRA ECO

### SIO-SAFE™ EXTRA ECO

**NEW**  
**Glacier**  
7297A2PJD



278 Hi-Vis Yellow/Navy

**NEW**  
**Rea**  
7299A2PJD



B75 Navy blue

Nash  
7227N2LK2



## CHEMICAL PROTECTIVE RAINWEAR

### FLEXOTHANE® CLASSIC



**Banteer**  
4821N2FC1



S49 Light Green

**Drangan**  
4603N2FC1



S49 Light Green

**Dalgin**  
8133A2FC1



S49 Light Green

### CHEMTEX



**Essen**  
5967A2DC1



J40 Green Jade



**Botlek**  
5996A2DC1



J40 Green Jade

### CHEMFLEX



**Lavrion**  
8042A2B07



J40 Green Jade

**Fombio**  
8000A2B07



J40 Green Jade

**Jarrow**  
8161A2B07



J40 Green Jade













# Cold Storage & Food



# COLD STORAGE

NICEWEAR®



**Vermont**  
2123A2PB4



276 Navy/Blue



**Zermatt**  
6105A2PB4



276 Navy/Blue

**Matterhorn**  
6402A2PB4



276 Navy/Blue

**Cottier**  
1038A2PM1



B75 Navy blue

**Zinal**  
1038A2PB4



B75 Navy blue

**Nibas**  
3338A2PM1



278 Hi-Vis Yellow/Navy

**Arbus**  
5238A2PM1



278 Hi-Vis Yellow/Navy

**Talau**  
3438A2PM1



278 Hi-Vis Yellow/Navy

**Olmet**  
5338A2PM1

Cold storage coverall with quilted lining, protects from temperatures down to -40 °C, shoulder reinforcement, hood can be added (not included), sleeve pocket, pen pocket, elasticated waist in the back, pre-shaped sleeve ends with sleeve narrowing.



**Olmet**  
5338A2PM1



278 Hi-Vis Yellow/Navy



**FOOD**

**FLEXOTHANE® KLEEN**



**FLEXOTHANE® CLASSIC**



**Morgat**

4391A2FK0



W02 White  
H45 Royal Blue

**Rigi**

4415A2FK0



W02 White  
H45 Royal Blue

**Killybeg**

6639A2FK0



W02 White  
H45 Royal Blue



**Falkenberg**

1567A6F01



W02 White

**Boulogne**

8133A2FK0



W02 White  
H45 Royal Blue

**Cork (Kleen)**

8161A2FK0



W02 White  
H45 Royal Blue

**Nantou**

8195A2FK0



W02 White  
H45 Royal Blue

**Werдум**

4835A2FK0



H45 Royal Blue  
W02 White

**Karby**

6420A2FK0



H45 Royal Blue  
W02 White

**Dornum**

6219A2FK0



W02 White  
H45 Royal Blue



**Dornum**

6219A2FK0

**DUOTEX**

**Quimper**

8000A6D01



G55 Green

**Bratislava**

8042A2D01



G55 Green  
W02 White

**Rosario**

8062A2D01



G55 Green  
W02 White



# Meet Sioen

Sioen is the name and quality label of the world-renowned textile solution provider. Sioen develops, produces and distributes a wide variety of products within the world of technical textiles: yarns, fibres, colouring solutions, wovens and nonwovens, coated fabrics and protective clothing. Technical superiority is what binds all divisions.

With permanent investments in state-of-the-art machinery, innovation and talent, Sioen continuously lifts its products to new heights.

## Sioen's 3 divisions



Find out more about [Sioen Industries](https://www.sioen.com) and its 3 divisions on [sioen.com](https://www.sioen.com)



### *Sioen Apparel*

The number 1 innovator in the domain of high-quality protective clothing.



### *Sioen Technical Textiles*

The world market leader in coated technical textiles



### *Sioen Chemicals*

The specialist in fine chemicals, offering tailor-made colouring solutions.



# The Sioen Apparel 'House of brands'

Founded in the 1960s, Sioen Apparel has built up a strong reputation in the protective apparel business. Its broad product range offers protection at work for firefighters, policemen, chainsaw users, rescue workers, windfarm operators, industrial labourers in high-risk environments.

Meet the other brands in the Sioen Apparel 'House of brands' and discover how our group can be **your one-stop shop for all your (work) apparel needs.**



## SIP Protection

Protective clothing for forestry & arboriculture

[sip-protection.com](http://sip-protection.com)



## Sioen Ballistics

Ballistic protection

[sioenballistics.com](http://sioenballistics.com)



## Sioen Firefighter Clothing

Firefighter intervention suits

[sioenfire.com](http://sioenfire.com)



## Mullion

Floatation garments & life jackets

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



## Ursuit

Professional drysuits

[ursuit.com](http://ursuit.com)



## Baleno

Hunting, fishing & lifestyle clothing

[balenoclothing.com](http://balenoclothing.com)



## SYNQ

Workwear

[synqworkwear.com](http://synqworkwear.com)

Through close collaboration and a complementary product offer Sioen PPC and SYNQ are perfectly in sync with each other.



Sioen Professional Protective Clothing

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

# Corporate Social Responsibility (CSR)

*Together we can change the world...*

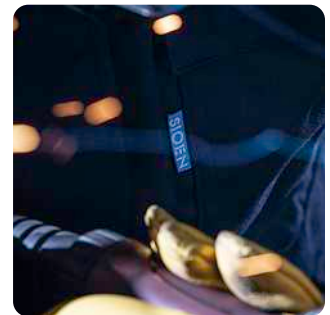
by continuously improving all aspects of sustainability as an integral part of our strategy.



**PPC especially designed for women**

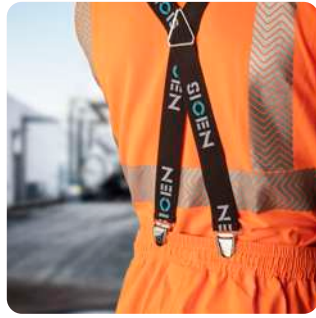


**High-visibility sustainable collection**



**Siorom, Sioen's Romanian manufacturing plant, is CO<sub>2</sub>-neutral**





## SIOEN PPC

Sioen PPC is **part of the Sioen Group**. As a large international company, we are aware of our social, environmental and economic responsibilities in society. Therefore, **Corporate Social Responsibility is an integral part of our company strategy**.

## Sioen's Corporate Social Responsibility

On our dedicated **Corporate Social Responsibility (CSR) website**, you can find the many actions Sioen is involved in. Those include sponsorships, sustainable products, the umbrella associations we are part of and the certificates we hold, among others.



*Interested in finding out more about our actions?  
Go to our dedicated Sioen CSR website.*



**Sioen production plants audited according to amfori BSCI**

## Our CSR approach

Our CSR approach is based on four different views. The first one is the United Nations' 17 sustainable development goals (**SDGs**), which address the global challenges we face, including poverty, inequality, climate change, environmental degradation, peace and injustice. The second view is based on the Triple Bottom Line framework: **People, Prosperity and planet**. We have added two more "P's": **Partnership and Peace**. This 5 P's approach helps us measure our business when it comes to sustainability.

For the third view, we have selected five topics that we call our Sioen Focal Points. The topics that we will give extra attention to are: energy, waste, sustainable products, credentials and human resources. Our final view focuses on certificates, memberships and awards. They reflect our dedication to CSR-related themes, and they prove that what we're claiming are not just hollow words.



# Research & development

At Sioen, we protect through innovation. When developing new materials, methods, processes and applications, our R&D department is our driving force. The department's knowledge, experience and thorough expertise in the field of norms and standards mean that:

- we offer significantly faster development times;
- our products perfectly comply with the norms and standards;
- we are more flexible towards customer needs;
- we develop customised solutions more easily.





# In-house testing laboratory

On top of having our own R&D department, we have an in-house testing laboratory in which we can immediately test innovations ourselves. Below you will find an overview of the tests we perform.



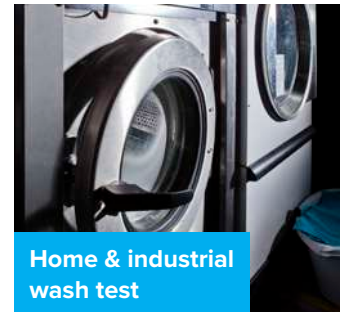
Surface conductivity



Puncture test



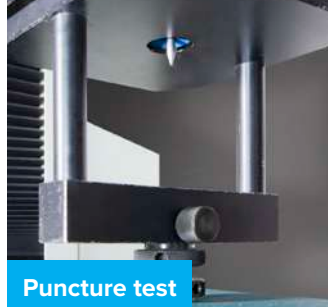
Heat transfer flame



Home & industrial wash test



Rain tower test



Martindale test



Flame test



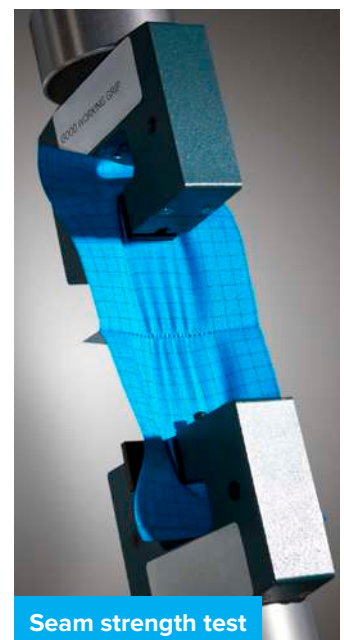
Spray test



Hydrostatic pressure test



Crumple flex test



Seam strength test





SIOEN

SIOEN



# Norms and standards



Our protective clothing complies with the latest European standards. Next to each product in this overview catalogue you will find a QR code to our website where you can consult the standards that particular product complies with.

*For more information on these European standards, please visit our website.*



## EN ISO 11611

Protective clothing tested for welding and allied processes



## EN 1149-5

Protective clothing with antistatic 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



## EN 343

Protective clothing against rain



## EN 14058

Protective clothing against cool environments



## EN 342

Protective clothing against cold



## EN 13758-2

UV Protective clothing



## EN ISO 14116

Protective clothing against flames



## EN ISO 11612

Protective clothing against heat and flames

# Size table – Men

## 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 to the ground, to be measured without shoes.
	D: Inseam leg length	Measurement from the crotch of the trousers to 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 tightly.	
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

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 – Women

## 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 to the ground, to be measured without shoes.
	D: Inseam leg length	Measurement from the crotch of the trousers to 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 tightly.	
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







# Wash & care

Below, you can find an overview of all laundry symbols we use in our Sioen PPC clothing. Please always check the care label inside your garment. Depending on the fabric used, you'll find different instructions.



	Normal washing at advised temperature
	Max. at the advised temperature / reduced mechanical action / rinsing at decreasing temperature (cooling down) / reduced spinning
	Hand wash only / no machine wash / max. 40° / handle with care
	Do not wash
	Do not use chlorine-based bleach
	Tumble drying / normal cycle
	Tumble drying / lower cycle
	Do not tumble dry
	All solvents normally used

	All solvents except trichlorethylene
	Only petroleum solvents and R113
	Limited movements
	Do not dry clean
	High max. 200°C
	Max. 150°C
	Low max. 110°C steam-ironing may be risky
	Do not iron / no steam treatments

## Industrial laundering of workwear | EN 15797 (procedure 8)



The methods described in this International Standard simulate the effect of industrial laundering on workwear.

The standard specifies test procedures and equipment which can be used in the evaluation of workwear intended to be industrially laundered. Each washing procedure is considered to represent a single industrial wash. They serve as a basis for testing relevant properties such as e.g. dimensional stability, colourfastness, creasing and seam puckering.

The standard also specifies two drying/finishing test procedures:

- Tumble drying
- Tunnel/cabinet finishing

A complete laundering test consists of a washing and a drying/finishing procedure. For this type of workwear procedure 8 of the standard is applicable at a washing temperature of 75°C followed by tumble drying. The majority of Sioen's multinorm workwear garments are suitable for industrial washing. The flame-retardant properties are tested after minimum 50 industrial washing and drying cycles (or 100 cycles). Conformity to the certified flame-retardant standards is still guaranteed after the indicated number of washing and drying cycles.

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