

SICEN

PROFESSIONAL PROTECTIVE CLOTHING

NEW PRODUCTS 2020





New products 2020



Overview



All weather

Gear up for all seasons and protect yourself against rain, cold, wind,



High-visibility

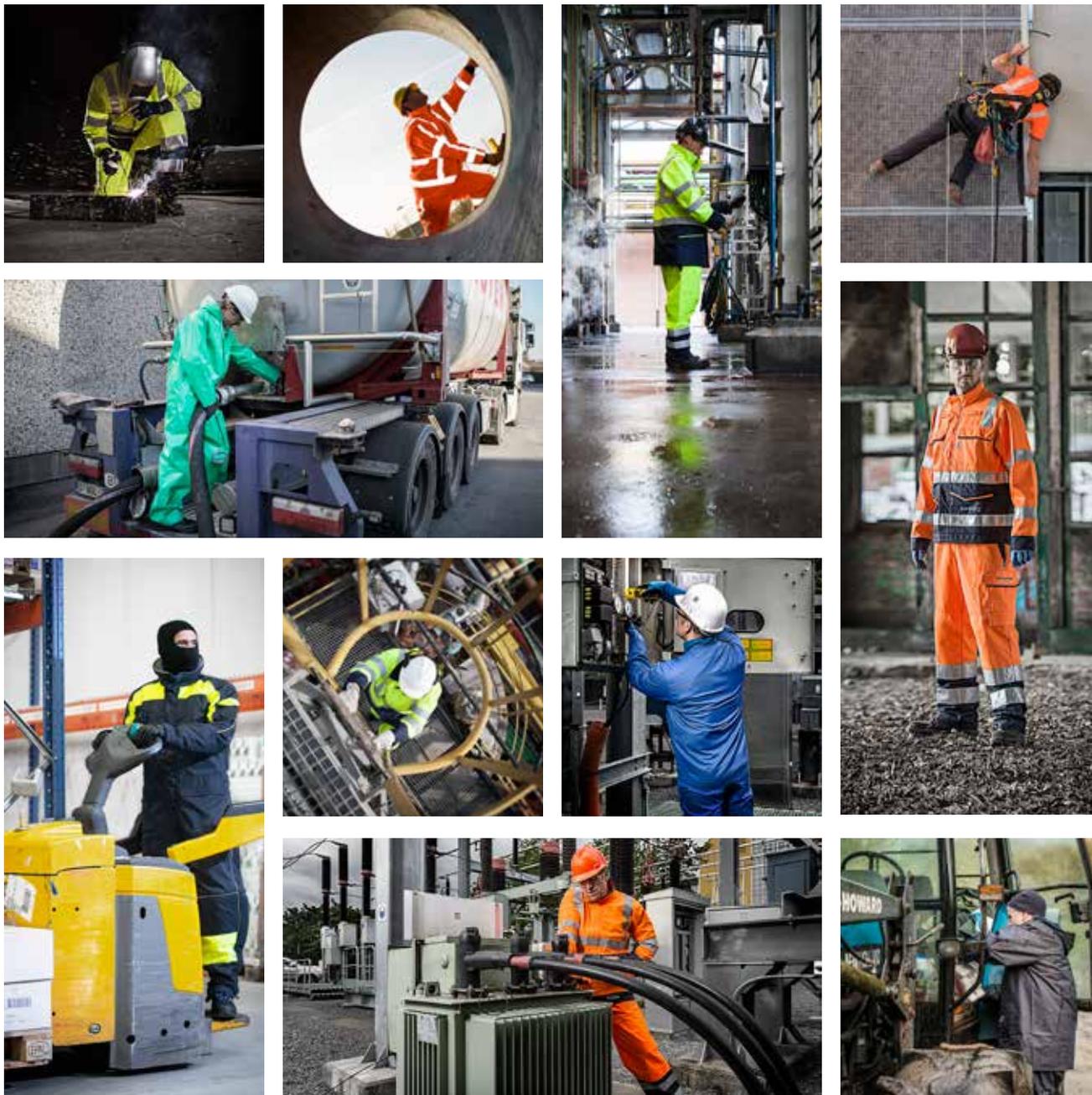
Increase your visibility day and night and avoid accidents. Wearing hi-vis saves lives.



Multi-norm

When operating in hazardous working situations you need top-notch multi-norm protection. Discover our new range of protective clothing.

European market leader



#1 in professional protective clothing

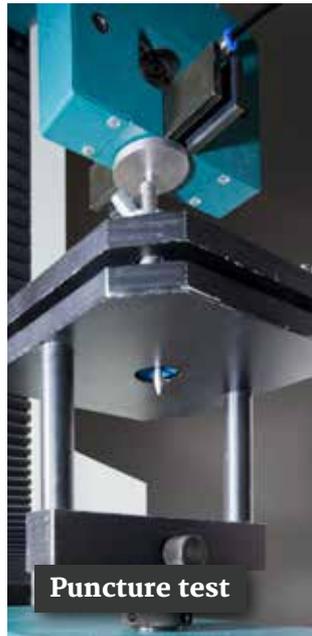
Offering garment solutions for different market applications

- 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.

In-house testing labs



Surface conductivity



Puncture test



Heat transfer flame



Home & industrial wash test



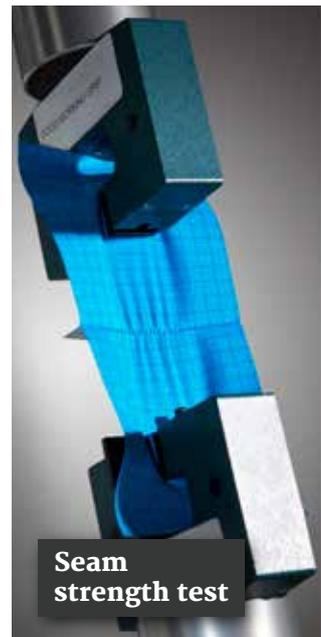
Rain tower test



Flame test



Spray test



Seam strength test



Hydrostatic pressure test



Crumple flex 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.



Five white icons representing fire safety: a fire helmet, a flame, a fire hydrant, a fire extinguisher, and a lightning bolt. Below the icons is the word "SIOEN" in white.

SIOEN

New products 2020 Overview

NEW ALL WEATHER PRODUCTS



NEW HIGH-VISIBILITY PRODUCTS



NEW MULTI-NORM PRODUCTS

FR + AST



ARC CL1

BODYWEAR



THERMAL WEAR



ARC CL1

WORKWEAR



RAINWEAR



ARC CL2



CHEMICAL



A person wearing a dark, heavy jacket with blue accents is standing in the rain. The rain is captured as a dense pattern of white streaks against a blurred background of dark, vertical structures. A large, dark blue geometric shape, resembling a stylized letter 'L' or a similar form, is overlaid on the right side of the image. The text 'ALL WEATHER' is written in white, bold, sans-serif capital letters across the top of the image, partially overlapping the blue shape.

ALL WEATHER

NEW *Malem* - 069VA2PAR

Trousers

Our new workwear trousers fit perfectly well with our stylish new All Weather products and have been designed with your functionality and comfort in the forefront of our minds. Multiple pockets and handy features like a hammerloop and a loop with D-buckle, make this a very practical pair of trousers. For your comfort stretch fabric was added to the waist and crotch. The cyan contrast stitching and the reflective piping are up to date stylish accents that were added to these trousers. This pair of trousers is so comfortable that you will want to wear it outside your working hours! Available in EUR: 44 R - 64 R. (For conversion to national sizing check the back of this catalogue).

Fabric:

35% cotton + 35% polyester + 30% Lycra®; ± 205gr/m²

Colour:

196 navy/black/grey



Loop with D-buckle



1 patched back pocket with flap



1 hammer loop



Elasticated waist



Thigh pocket



Stretch fabric in waist





HIGH-VISIBILITY





SIO-FIT

NEW Casbas - 612AA2MC5

Hi-vis polo

As we all pay more attention to our health and safety in our daily lives, it is important to do that also while we are at work. The harmful effects of prolonged exposure of the sun to the skin can be significantly reduced by wearing the right clothing. That is why we have developed a long sleeved polo shirt that protects you against ultraviolet radiation. The inherently anti-bacterial properties of our quick drying Sio-Cool® fabric make sure your clothing stays fresh while the segmented reflective stripes and the fluorescent colour make sure you also stay safe in the dark. Available in S - XXXL.

Fabric:

Sio-Cool® Classic: 100% Sio-Cool polyester piqué; ± 145 g/m²

Colour:

FC1 Hi-Vis Orange
FY1 Hi-Vis Yellow

European Standards:

	
EN ISO 20471: 2013 +A1:2016	EN 13758-2: 2003 +A1:2006
UPF 50+	



SIO-COOL® CLASSIC



NEW Croston - 639AA2EXA

Hi-vis winter bomber jacket

The Croston jacket with its heavy canvas construction is highly suitable for harsh working conditions as it also has a good abrasion resistance. This practical bomber jacket has a pen pocket on the left arm and both the waist and the sleeve ends can be narrowed. For your comfort this jacket has also an elongated back. The quilted lining is detachable and the hood can be folded into the collar so you can adjust this jacket according to the weather. Available in S - XXXL.

Fabric:

Siopor® Strong: 100 % polyester fabric with 100 % PU laminate; ± 260 g/m²

Colour:

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

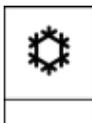
European Standards:

		
EN ISO 20471: 2013 +A1:2016	EN 343: 2019	



SIOPOR® STRONG

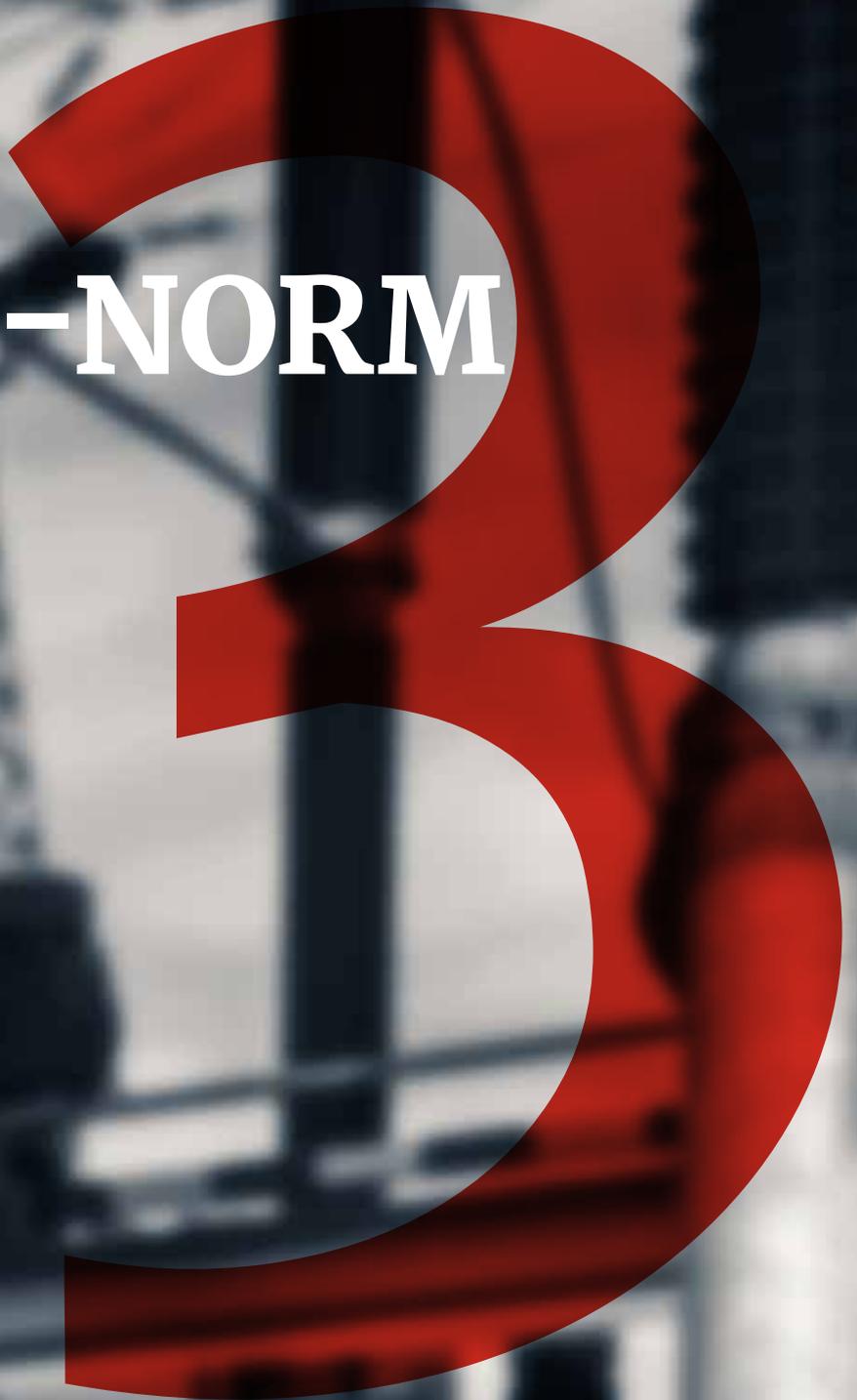
Detachable lining:





MULTI-NORM

FR AST
ARC
CHEMICAL



NEW *Kirton* - 649AA2EF7

Hi-vis and anti-static backpack for hazardous environments

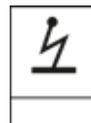
The Kirton backpack is especially designed to be used in hazardous environments. It has flame retardant and anti-static properties. This backpack is not only very comfortable to wear, but has also an extremely functional design with 3 storage compartments, a tool holding panel and a pocket to store your laptop. The 2 outside pockets have a mesh on the inside, doubling the storage space! This backpack can take a hit: the bottom is reinforced and is equipped with non-slip feet, ideal for the working environment. Available in EUR: Uni. (For conversion to national sizing check the back of this catalogue).

Fabric:

Siopor® Fr Ast: 100% polyester fabric with 100% FR PU coating + AST; ± 250 g/m²

Colour:

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





NEW Troston - 7870A2TF6

Flame retardant antistatic fleece lining with sleeves

Nothing is more comfortable and warm than a fleece lining. In addition, the Troston is also flame retardant and even antistatic and thanks to our Interchangeable Lining System (I.L.S.) can it easily be zipped into multiple jackets. Available in S - XXXL.

Fabric:

Double sided fleece: 54% modacryl + 34,2% FR cotton + 10% nylon + 1,8% AST; ± 260 g/m²

Colour:

B75 Navy Blue

I.L.S.:

1005 - 3073 - 3074 - 3085 - 7222 - 7223 - 7227 - 7229 - 7237 - 7240 - 7241 - 7329 - 7330 - 7429 - 7430 - 9728



European Standards:

 EN ISO 11612: 2015 A1 B1 C1	 EN 1149-5: 2015	 EN 14058
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NEW *Bladel* - 580AA2MF4

Polo shirt with ARC protection

In situations where there is a risk of an electrical flashover it is important that you are well protected on multiple levels, especially close to the skin. The Bladel is a long sleeved polo shirt that complies to multiple international standards like IEC 61482-2, EN ISO 11612 and EN 1149-5. The buttons are covered for your protection and the polo is stylishly finished with a small strip of segmented reflective tape. Available in S - XXXL.

Fabric:

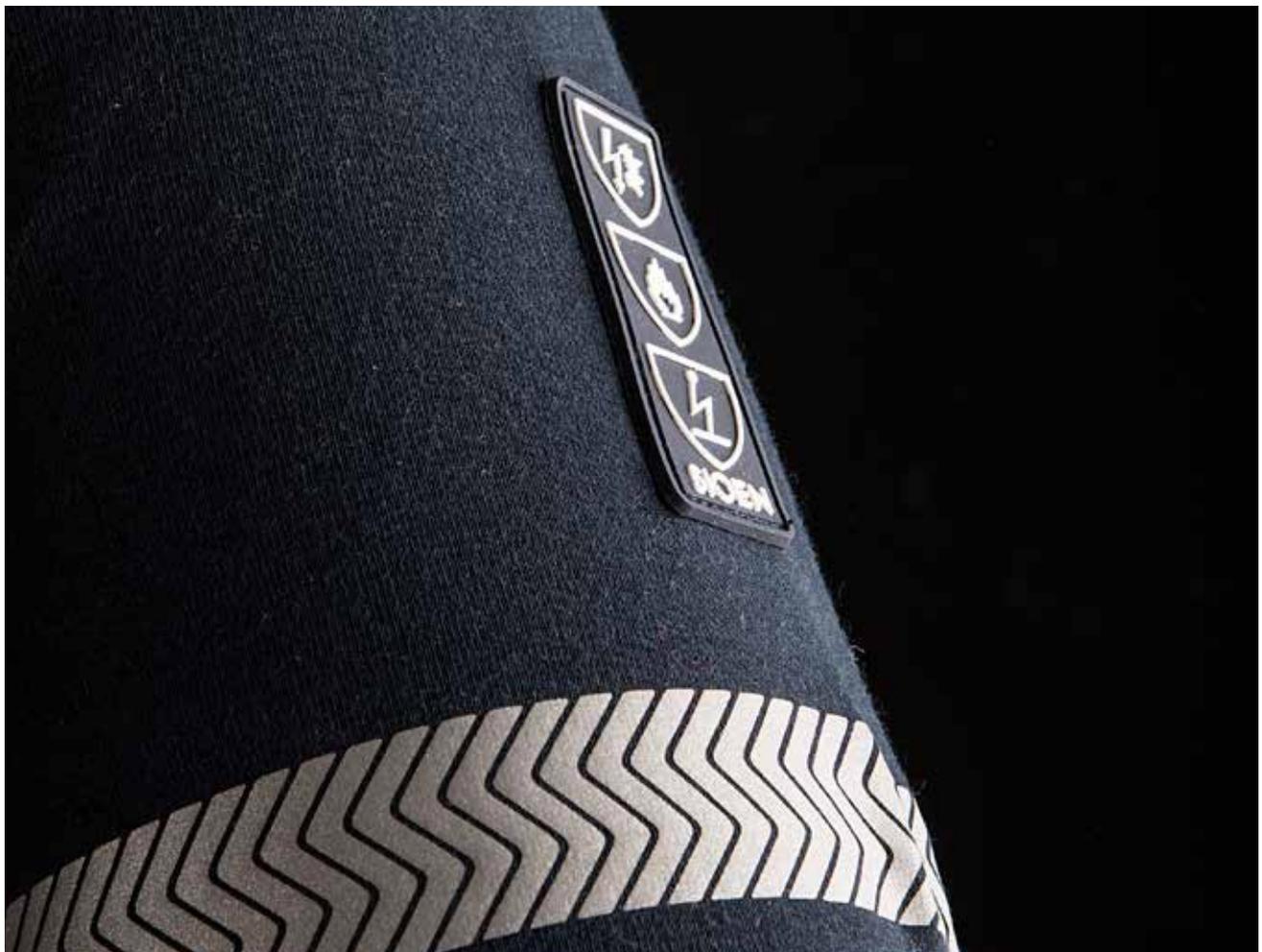
55% Protex + 33% FR cotton + 10% pAr + 2% AST; ± 230 g/m²

Colour:

B90 Navy Blue

European Standards:

 IEC 61482-2: 2018	 EN ISO 11612: 2015	 EN 1149-5: 2018
APC1	A1 B1 C1 F1	



NEW *Telfs* - 581AA2MR2

Polo shirt with ARC protection

The Telfs is a multi-norm polo shirt with small stripes of segmented reflective tape. The navy polo shirt has a few touches of fluorescent yellow making this new design stand out. The long sleeved polo shirt complies to international standards like IEC 61482-2, EN ISO 11612, EN ISO 14116 and EN 1149-5 offering you a wide range of protection. Available in S - XXXL.

Fabric:

54,5% modacrylic + 44,5% cotton + 1% AST; ± 220 g/m²

Colour:

017 Navy/Hi-vis yellow

European Standards:

 IEC 61482-2: 2009	 EN ISO 11612: 2008	 EN ISO 14116: 2008	 EN 1149-5: 2008
Class 1	A1 B1 C1 F1	Index 3	



Anti-Microbial

NEW *Rufford* - 076VA2PIC

Shirt with ARC protection

A stylish protective navy shirt with a splash of hi-vis yellow and segmented reflective tape on the shoulders, that is the Rufford. This multi-norm shirt not only offers limited protection against liquid chemicals (EN 13034), it also complies to IEC 61482-2, EN ISO 11612 and EN 1149-5. The chest pockets of this shirt are finished with a touch of reflective material, making this classy shirt stand out. Available in S - XXXL.

Fabric:

54% modacrylic + 44% cotton + 2% AST; ± 180 g/m²

Colour:

987 Navy/Hi-vis yellow

European Standards:

 IEC 61482-2: 2009	 EN ISO 11612: 2015	 EN 1149-5: 2008	 EN 13034: 2005 +A1:2009
Class 1 EBT 6,4 cal/cm ²	A1 A2 B1 C1 F1		Type PB [E]



NEW *Utby* - 1928A2TF5

Cap with ARC protection

When it's cold it's best to keep your head warm as we lose a lot of our body heat through our head. But when working in dangerous environments it is furthermore important to keep in mind that we can also protect our head against these dangers, for example by wearing our Utby. The cap is available in navy blue or in hi-vis yellow and is finished with a reflective piping on the front and back to enhance visibility. Available in Uni.



Fabric:

Double sided fleece: 54% Modacryl + 34,2% FR cotton + 10% nylon + 1,8% AST; ± 310 g/m²

Colour:

B75 Navy Blue
FY1 Hi-Vis Yellow

European Standards:

		EN ISO 14116: 2015	 EN 1149-5: 2008
		Index 3	

NEW *Druten* - 635AA2MR3

Sweater with ARC protection

With the Druten sweater you will feel comfortable even in hazardous working situations as it provides protection against the risks of electrical flashover, against heat and flame, flamespread and static electricity. This navy sweater is finished with a small stripe segmented reflective tape and 2 side pockets with zip closure. Available in S - XXXL.



Fabric:

55% modacrylic + 43% cotton + 2% AST; ± 300 g/m²

Colour:

B75 Navy Blue

European Standards:

			
EN 1149-5: 2018	IEC 61482-2: 2018	EN ISO 11812: 2015	EN ISO 14116: 2015
	APC1 ATPV 14,0 cal/cm ²	A1 B1 C1 F1	Index 3



NEW **Corran** - 616AA2MR3

Hi-vis sweater with ARC protection

The Corran is a trendy hi-vis sweater with segmented reflective tape that offers ARC protection. The bi-colour sweater is equipped with 2 side pockets with zip closure and has anti-microbial properties, convenient in hazardous situations! The sweater complies to international standards like IEC 61482-2, EN ISO 11612, EN ISO 11416 and EN 1149-5 amongst others. Available in S - XXXL.

Fabric:

55% modacrylic + 43% cotton + 2% AST; ± 300 g/m²

Colour:

278 Hi-Vis Yellow/Navy

European Standards:

				
EN ISO 20471: 2013 +A1:2016	IEC 61482-2: 2016	EN ISO 11612: 2015	EN ISO 14116: 2015	EN 1149-5: 2016
	APC1 ATPV 14,8 cal/cm ²	A1 B1 C1 F1	Index 3	



NEW **Heika** - 7332A2TV4

Hi-vis ladies softshell with ARC protection

Because women also often work in hazardous situations it is important that they also have the right protective clothing which is especially designed to their figure. That is why we have developed a hi-vis ladies softshell that complies to multiple international standards including IEC 61482-2, EN ISO 11612, EN ISO 11416, EN ISO 11611, EN 1149-5 and EN 13034 amongst others. The elongated back tail and other practical features like the chest pocket, loop and inside pocket make this a very convenient softshell for very hazardous situations. Available in XS - XXL.

Fabric:

3-layer softshell: polyester fabric + breathable FR PU + inherent FR fleece + AST; ± 350 g/m²

Colour:

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

I.L.S.:

7331

European Standards:

								
IEC 61482-2: 2009	EN ISO 11612: 2006	EN ISO 14116: 2006	EN ISO 11611: 2007	EN 1149-5: 2006	EN 13034: 2009 +A1:2009	EN ISO 20471: 2013		EN 14058: 2004
Class 1 ATPV 24,3 cal/cm ²	A1 B1 C2 F1	Index 3	Class 2 - A1		Type PB [S]			



NEW *Umiat* - 9705A2TV4



Softshell with ARC protection

Our Umiat softshell not only protects you against the cold and rain, but also against hazardous working situations. This navy softshell with touches of hi-vis yellow and reflective material complies to many standards such as IEC 61482-2, EN ISO 11612, EN ISO 14116, EN ISO 11611, EN 1149-5 and EN 13034. Next to a high level of protection this softshell is also equipped with handy features like loops and multiple pockets. You will look stylish and be well protected with the Umiat softshell. Available in S - XXXL.

Fabric:

3-layer softshell: polyester fabric + breathable FR PU + inherent FR fleece + AST; ± 350 g/m²

Colour:

017 Navy/Hi-vis yellow

I.L.S.:

1005 - 3073 - 3074 - 7222 - 7227 - 7229 - 7240 - 7241 - 7329 - 7330 - 7429 - 7430 - 7530

European Standards:

Class 1 ATPV 24.3 cal/cm ²	A1 B1 C2 F1	Index 3	Class 2 - A1		Type PB [6]		



NEW *Vikja* - 9375A2ET2



Flame retardant, anti-static hi-vis bodywarmer

A comfortable, stylish bodywarmer offering you a high degree of protection while keeping you warm, that is exactly what the Vikja is. This hi-vis bodywarmer is made out of the new light (280 g/m²) Siopor® Excell fabric and complies to many standards like EN ISO 11612, EN ISO 11611, EN 13034 and EN 1149-5. The bodywarmer is equipped with segmented reflective tape improving breathability and comfort. This high-end product has an elongated back tail and many other features like a Napoleon pocket, radio loops and an elastic drawstring in the hem. In short, the Vikja protects you against the cold and many potentially dangerous situations at work. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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



I.L.S.:

7329 - 7330 - 7429 - 7430 - 7227 - 7229 - 7241 - 7530

European Standards:

EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016	
A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]		

NEW *Burvik* - 9376A2ET2



Flame retardant, anti-static bodywarmer

The Burvik bodywarmer not only protects you against the cold but also against many hazardous environments. The 3-layered fabric offers an excellent protection against heat, flames and welding sparks. Hence, the bodywarmer complies with many international standards like EN ISO 11612, EN ISO 11611, EN 1149-5 and EN 13034. This practical bodywarmer has both pockets on the inside and on the outside and the design was finished with a narrow stripe of flame retardant reflective tape. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B75 Navy Blue



I.L.S.:

7329 - 7330 - 7429 - 7430 - 7227 - 7229 - 7241 - 7530

European Standards:

EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	
A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [6]	

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 14116, 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; ± 250 g/m²

Colour:

217 Navy/Hi-vis yellow

European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2006	EN 13034: 2009 +A1:2009
Class 1	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [5]



SIO-SAFE™
ESSENTIAL LIGHT

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 14116, 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: 48 S - 58 S | 44 R - 64 R | 46 L - 56 L. (For conversion to national sizing check the back of this catalogue).

Fabric:

24% PES + 75% cotton + 1 AST; ± 250 g/m²

Colour:

217 Navy/Hi-vis yellow

European Standards:

				
IEC 61482-2: 2009	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2006	EN 13034: 2009 +A1:2009
Class 1	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [5]



SIO-SAFE™
ESSENTIAL LIGHT

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/m²

Colour:

B98 Navy Blue

European Standards:

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2006	EN 13034:2005+A1:2009
Class 1 ATPV 15,2 cal/cm ²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]



SIO-SAFE™
ESSENTIAL



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/m²

Colour:

B98 Navy Blue

European Standards:

				
IEC 61482-2:2009	EN ISO 11612:2015	EN ISO 11611:2015	EN 1149-5:2006	EN 13034:2005+A1:2009
Class 1 ATPV 15,2 cal/cm ²	A1 A2 B1 C1 E3 F1	Class 1 - A1/A2		Type PB [6]



SIO-SAFE™
ESSENTIAL



NEW ExcellArc Collection



More protection and increased comfort for the wearer.
That is in short what our newest Siopor® Excell collection stands for.

SIOPOR®
EXCELL

Our new Siopor® Excell styles comply to the new IEC 61482-2 / 2018 standard, ATPV 9.1 cal/cm², protecting the wearer against the risks caused by an electric flashover.

This new collection named "ExcellARC" will be certified according to the most recent standards. The fabric is not only softer and more supple, but it is also lighter of weight: 280 g/m². What makes the garments even more comfortable and pleasant to wear is that the breathability of the fabric has been improved. Siopor® Excell products comply to class 4 for breathability (Ret < 15) of the new standard EN 343-2019.

Standard



Heat applied
FR reflective tape



Optional hood
(to be sold separately)



Zipper insert system



Sleeve narrowing
by press studs



Chest pocket



Interchangeable
Lining System

Premium: all features of standard jackets plus:



Flexible segmented
S-tape



Optional hood
(to be sold separately)



Zipper insert system
YKK Zippers



Elongated back



Sleeve narrowing
by touch & close +
pre-shaped sleeve ends



Chest pocket + loops



Napoleon pocket



Interchangeable
Lining System

NEW Fondal - 7429A2ET2

Rain jacket with ARC protection

Are you looking for a light rain jacket that not only protects you against foul weather but also against the risks of an electrical flashover? Then our Fondal is the perfect solution. This rain jacket is equipped with 2 radio loops, a chest pocket and 2 patched pockets. A hood (available separately) can be attached to the straight collar and the sleeve ends can be narrowed by means of press studs. For the wearers convenience the zipper is equipped with an ergonomic pull tab for easy closing and opening of the zipper. This supple jacket complies to many international standards like IEC 61482-2, EN ISO 11612, EN ISO 11611 and EN 1149-5 amongst others. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B90 Navy Blue

I.L.S.:

7690 - 9375 - 9376 - 9633 - 9634 - 9644 - 7870 - 9705

European Standards:

IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN 343: 2019
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [E]	



**SIOPOR®
EXCELL**

NEW Kaldvik - 7329A2ET2

Hi-vis rain jacket with ARC protection

A light jacket that offers you a very high level of protection, including ARC protection, is that possible? Yes it is. Our hi-vis Kaldvik rain jacket is made out of the new lightweight (280 g/m²) Siopor® Excell fabric and complies to many international standards like IEC 61482-2, EN ISO 11612, EN ISO 11611, EN 13034 and EN 1149-5 amongst others. Thanks to our I.L.S. system different linings can be zipped in this soft and supple jacket. Furthermore, the Kaldvik has many practical features like the possibility of attaching a hood (available separately), narrowing the sleeve ends, 1 chest pocket, 2 inside pockets and a practical zipper grip for easily opening and closing the jacket. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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

I.L.S.:

7690 - 9375 - 9376 - 9633 - 9634 - 9643 - 9644 - 7870 - 9705

European Standards:

IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016	EN 343: 2019
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [E]		



**SIOPOR®
EXCELL**

NEW **Grindal** - 7430A2ET2



Rain jacket with ARC protection

Lightweight, superior protection, breathable and waterproof. The Grindal rain jacket ticks all these boxes. This soft and supple jacket, manufactured in our new and improved Siopor® Excell fabric only weighs 280 g/m² while offering a very high level of protection complying to international standards like IEC 61482-2, EN ISO 11612, EN ISO 11611, EN 1149-5 and EN 13034 amongst others. The segmented reflective tape adds to the breathability and the flexibility. The elongated backtail, preshaped sleeve ends and the improved YKK-zipper with ergonomic pull tab also increase the convenience of this jacket. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B75 Navy Blue

I.L.S.:

7690 - 9375 - 9376 - 9633 - 9634 - 9643 - 9644 - 7870 - 9705

European Standards:

APC1 ATPV 9.1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [5]	



NEW **Torvik** - 7330A2ET2



Hi-vis rain jacket with ARC protection

The Torvik is a premium hi-vis rain jacket which protects you against foul weather and the risks of an electric flashover. This supple jacket meets the high standards we set to our products regarding design, innovation and protection. The segmented reflective stripes not only add a modern touch, but also add to the breathability and comfortability of the jacket. The elongated backtail, preshaped sleeve ends and the use of an improved YKK-zipper with handy grip for easily opening and closing the jacket are some features which make this jacket stand out. Although this is a light jacket (280 g/m²) it offers you a very high degree of protection complying to international standards. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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

I.L.S.:

7690 - 9375 - 9376 - 9633 - 9634 - 9643 - 9644 - 7870 - 9705

European Standards:

APC1 ATPV 9.1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [5]		



NEW Vaski - 7331A2ET2

Hi-vis ladies rain jacket with ARC protection

If you need to work in hazardous situations you need to feel comfortable. That is why it is important that women also have fitted workwear. The Vaski is a hi-vis ladies rain jacket which also offers a high degree of protection to the wearer. The jacket is made out of a light, but high quality fabric and complies to many international standards such as IEC 61482-2, EN ISO 11612, EN ISO 11611, EN 1149-5 and EN 13034. This premium jacket is equipped with a YKK zipper with handy grip for easy opening and closing. The sleeve ends are preshaped and the back is extended for your comfort. You look good in this jacket and you are well protected, what more do you need? Available in XS - XXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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

I.L.S.:

7332

European Standards:

 IEC 61482-2: 2018	 EN ISO 11612: 2015	 EN ISO 11611: 2015	 EN 1149-5: 2018	 EN 13034: 2005 +A1:2009	 EN ISO 20471: 2013	 EN 343: 2019
APC1 ATPV 0,1 cal/cm²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [B]		





NEW *Aksdal* - 5908A2ET2

Hi-vis rain coverall with ARC protection

A coverall that protects you against the rain, against the risks of an electrical flashover and that makes you visible day and night? That is our Aksdal. This practical coverall is equipped with many pockets, including a sleeve pocket, a thigh pocket and a Napoleon pocket. The 3-layered fabric protects you against many hazards and complies with international standards such as IEC 61482-2, EN ISO 11612, EN ISO 11611, EN 1149-5 and EN 13034 amongst others. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

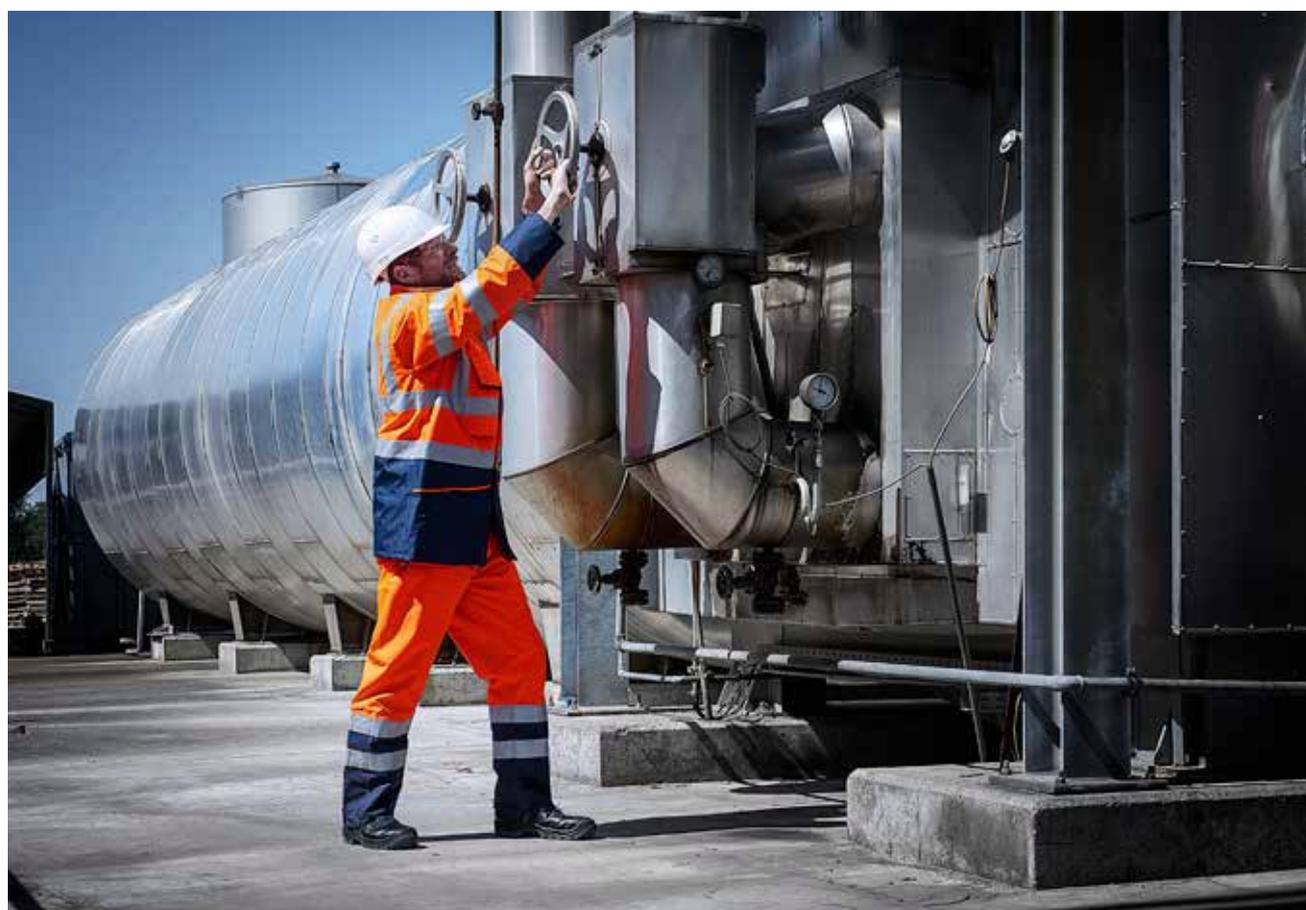
278 Hi-Vis Yellow/Navy
279 Hi-Vis Orange/Navy

European Standards:

						
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type 6		



SIOPOR®
EXCELL



NEW *Akrar* - 7203A2ET2

Hood with ARC protection (Cl 1)

Protect your head from rain, flames and build-up of static electricity with the Akrar. This comfortable detachable hood is provided with chin protection. This hood can be applied to various jackets from our multi-norm range. The hood can be fully adjusted to your preference via the drawstring in the hem and the touch and close narrowing/fastening. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B75 Navy Blue

European Standards:

					
IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN 343: 2019
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [5]	



NEW *Lopra* - 7204A2ET2

Hood with ARC protection (Cl 1)

This water and windproof hood offers you high-quality protection thanks to its flame retardant and anti-static properties. This hood can be applied to various jackets from our multi-norm range. With the drawstring in the hem you can easily adjust the hood for comfort. Available in Uni.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B75 Navy Blue

European Standards:

					
IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN 343: 2019
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [5]	



NEW *Hovi* - 7276A2ET2

Hi-vis rain trousers with ARC protection

High level of protection but still light in weight? The Hovi hi-vis trousers are a waterproof rain trousers with ARC protection in a light and improved Siopor® Excell fabric. The 3-layered fabric protects excellently against foul weather, heat, flames, welding sparks and the risks of an electrical flashover. These high-visibility trousers are soft and supple, making them a pleasure to wear in potentially hazardous working environments. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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

European Standards:

						
IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016	EN 343: 2019
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [E]		



NEW *Ulvik* - 7277A2ET2

Rain trousers with ARC protection

The Ulvik is a supple navy blue pair of trousers giving you a high level of protection. These trousers are indispensable when working in hazardous environments as they protect you against the risks of an electrical flashover, heat, flames and welding sparks. This pair of rain trousers is very light (280 g/m²) but offers a high degree of protection complying to many international standards including IEC 61482-2. The reflective stripes on the leg ends, the elasticated waist and the leg narrowing are all there for your safety and comfort. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B75 Navy Blue

European Standards:

					
IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN 343: 2019
APC1 ATPV 9,1 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [E]	





NEW Talsi - 7530A2ET2



Rain jacket with ARC protection (APC 2)

The Talsi rain jacket is a multifunctional jacket which offers you a high level of protection. The jacket is equipped with 2 loops for gas detectors, 4 pockets on the outside and 2 on the inside. For your convenience there is an ergonomic pull tab so you can easily open and close the YKK-zipper. The 3-layer fabric and the fixed flame retardant lining protect you against many hazards like heat and flames. If you would get cold, you can zip in different linings thanks to our Integrated Lining System (I.L.S.). In short, the Talsi is a practical and convenient jacket which complies to Arc Protection Class 2. Available in S - XXXL.



**SIOPOR[®]
EXCELL**

Fabric:

Siopor[®] Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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

I.L.S.:

7690 - 9633 - 9634 - 9643 - 9644 - 9375 - 9376 - 9705 vv

European Standards:

IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016	EN 343: 2019
APC2 ATPV 33,7 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [E]		

Tigas - 7205A2ET2

Hood with ARC protection ARC (APC 2)

When you have to work in environments where there is a risk of an electrical flashover you need good protection. For this kind of protection you think of a jacket and a trousers. But what if it's raining or very windy and you want to shield your head? You cannot wear an ordinary cap! Your head needs the same level of protection like the rest of your body. Therefore we developed the Tigas hood which offers ARC class 2 protection. This rain hood offers protection against heat, flames, liquid chemicals and offers also protection in welding situations. In short, this hood is the perfect addition to the 7530A2ET2 Talsi ARC rain jacket. Available in S - XXXL.



Fabric:

Siopor[®] Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

B75 Navy Blue

European Standards:

IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2018	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016	EN 343: 2019
APC2 ATPV 33,7 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type PB [E]		

**SIOPOR[®]
EXCELL**



NEW Bjordal - 5909A2ET2

Hi-vis rain winter coverall with ARC protection (APC 2)

Do you have to face the rain and the cold in hazardous situations? Then our Bjordal coverall is perfect for you. This winter coverall with Arc Protection Class 2 also keeps you visible day and night with its fluorescent colour and segmented reflective stripes. The 6 pockets on the outside are all covered with a flap just like the zipper at the front and at the leg ends, so no water penetration is possible. A hood, available separately, can be attached to the straight collar or stored on the pocket inside. The fixed quilted flame retardant cotton lining and the 3-layer fabric on the outside offer excellent protection against heat, flames and welding sparks. Available in S - XXXL.

Fabric:

Siopor® Excell: 3-layer fabric: Dobby ripstop polyester fabric (& AST) + breathable FR PU + inherent FR knitting; ± 280 g/m²

Colour:

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

European Standards:

IEC 61482-2: 2018	EN ISO 11612: 2015	EN ISO 11611: 2015	EN 1149-5: 2016	EN 13034: 2005 +A1:2009	EN ISO 20471: 2013 +A1:2016	EN 343: 2019	EN 342: 2017
APC2 ATPV 40 cal/cm ²	A1 A2 B1 C1 E1 F1	Class 1 - A1/A2		Type 6			airlock 0.338 m ³ /m ² (R)



**SIOPOR®
EXCELL**

NEW ***Banteer*** - 4821N2FC1

Rain jacket with protection against pesticides

The anti-spray raincoat Banteer protects you not only against wind and rain but also against liquid chemicals. Is widely used in agriculture when treating crops with pesticides. The jacket, made of a light, elastic and durable fabric, has a fixed hood, sleeve narrowing, underarm ventilation and an extended back. In order to optimally protect you against the cutting wind, the Banteer has elastic wind cuffs in the sleeves. Available in S - XXXL.

Fabric:

Flexothane® Classic: 100% polyamide knitting with PU coating; ± 180 g/m²

Colour:

S49 Light Green

European Standards:

 EN 14605: 2005 +A1:2009	 EN 14796: 2006	 ISO 27065 2017	 EN 343: 2019
Type PB [4]	Tested to		



NEW ***Drangan*** - 4603N2FC1

Bib & brace with protection against pesticides

Drangan is a quality anti-spray rain bib and brace trousers, 100% water and windproof. Because the trousers are so light and quiet, the comfort is optimal. These durable rain trousers, fitted with buckled braces and narrowing at the leg ends, offer high protection against liquid chemicals. They are widely used in agriculture when treating crops with pesticides. Available in S - XXXL.

Fabric:

Flexothane® Classic: 100% polyamide knitting with PU coating; ± 180 g/m²

Colour:

S49 Light Green

European Standards:

 EN 14605: 2005 +A1:2009	 EN 14796: 2006	 ISO 27065 2017	 EN 343: 2019
Type PB [4]	Tested to		





NEW *Dalgin* - 8133A2FC1

Apron with sleeves with protection against pesticides

The Dalgin is a long-sleeved apron with elastic wrist bands made out of our flexible and elastic Flexothane® Classic fabric. This light and durable apron is comfortable and has extra reinforcement on the stomach.

This durable apron offers high protection against liquid chemicals and is widely used in agriculture when treating crops with pesticides. Available in S - L - XXL.

Fabric:

Flexothane® Classic: 100% polyamide knitting with PU coating; ± 180 g/m²

Colour:

S49 Light Green

European Standards:

 EN 14605: 2005+A1:2009	 EN 14786: 2006	 ISO 27095: 2017	 EN 343: 2003+A1:2007
Type PB [4]	Tested to		



General information

The right protective clothing reduces threats, minimizes risks and avoids accidents. In this chapter you can find some information to enhance your ability to search for the right garment.

If you would require more information our website (<https://sioen-ppc.com>) has become a tool which excels in efficiency. A powerful product search engine, the digital version of the catalogue and all technical data sheets of every product are online available.

Size table

Find the correct size which corresponds with our body measurements in the table. 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.

Numerical & alphabetical index

When you already know a reference or a name of a Sioen garment you can use the numerical and alphabetical index at the end of this chapter. Allowing you to navigate more easily.

Concepts



Multi-layering concept

Summertime ready for traffic conditions



Fabrics

A mixture of all-weather fabrics



www.sioen-ppc.com

visit our website for more detailed product information.

On this interactive website you will find our most recent company information.

- 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.

Size table

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	45S	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

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.





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Alphabetical Index

7203 Akrar..... 37	4603 Drangan..... 42	076V Rufford 23
5908 Aksdal 36	635A Druten 24	7530 Talsi..... 40
4821 Banteer 42	7429 Fondal 32	581A Telfs..... 23
075V Barcus 28	7430 Grindal 33	7205 Tigas 40
5909 Bjordal..... 41	7332 Heika 25	7330 Torvik..... 33
580A Bladel 22	7276 Hovi 38	7870 Troston..... 21
9376 Burvik 27	7329 Kaldvik..... 32	7277 Ulvik..... 38
612A Casbas 17	649A Kirton 20	9705 Umiat 26
073V Casma 29	074V Laruns 28	1928 Utby 24
616A Corran 25	7204 Lopra 37	7331 Vaski 34
639A Croston 17	069V Malem 12	9375 Vikja..... 27
8133 Dalgin 43	072V Oroya 29	

Numerical Index

069V Malem 12	5909 Bjordal..... 41	7330 Torvik..... 33
072V Oroya 29	612A Casbas 17	7331 Vaski 34
073V Casma 29	616A Corran 25	7332 Heika 25
074V Laruns 28	635A Druten 24	7429 Fondal 32
075V Barcus 28	639A Croston 17	7430 Grindal 33
076V Rufford 23	649A Kirton 20	7530 Talsi..... 40
1928 Utby 24	7203 Akrar..... 37	7870 Troston..... 21
4603 Drangan..... 42	7204 Lopra 37	8133 Dalgin..... 43
4821 Banteer 42	7205 Tigas..... 40	9375 Vikja..... 27
580A Bladel 22	7276 Hovi 38	9376 Burvik 27
581A Telfs..... 23	7277 Ulvik..... 38	9705 Umiat..... 26
5908 Aksdal 36	7329 Kaldvik..... 32	

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