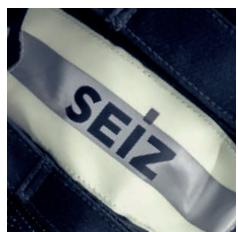
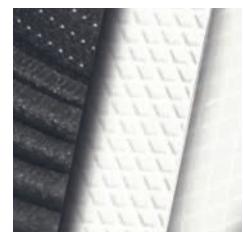




**SEIZ**

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# SEIZ

TIME TO PERFORM

*We'll stand at your side  
Even when it's getting tough  
SEIZ is the brand at your hand  
A high-performance glove*

These lines from our company song *Your Hands in Good Hands* emphasize the reliability and high quality of SEIZ products as well as our identity and our responsibility.

The slogan TIME TO PERFORM highlights this thought. We do our best and set technological standards in order to give our customers the ability to deliver top performance. Uncompromising protection is self-evident for us –but not enough. Our gloves should give the individuals wearing them the ability to perform their tasks even better. Comfort, ergonomic and functional design in conjunction with high technology qualify gloves from SEIZ as premium products.

# GLOVE CONSTRUCTION

ABOUT HIGH-TECH FIBRES AND THE RIGHT COMBINATION

## WIDE CUFF

NOMEX® cuff with reflective strip of 3M Scotchlite™.  
2x D-ring and carabiner for attaching the gloves to the jacket..

## HOOK AND LOOP FASTENERS

Two hook-and-loop fasteners for perfect fit in extreme situations.

## PULSE PROTECTION

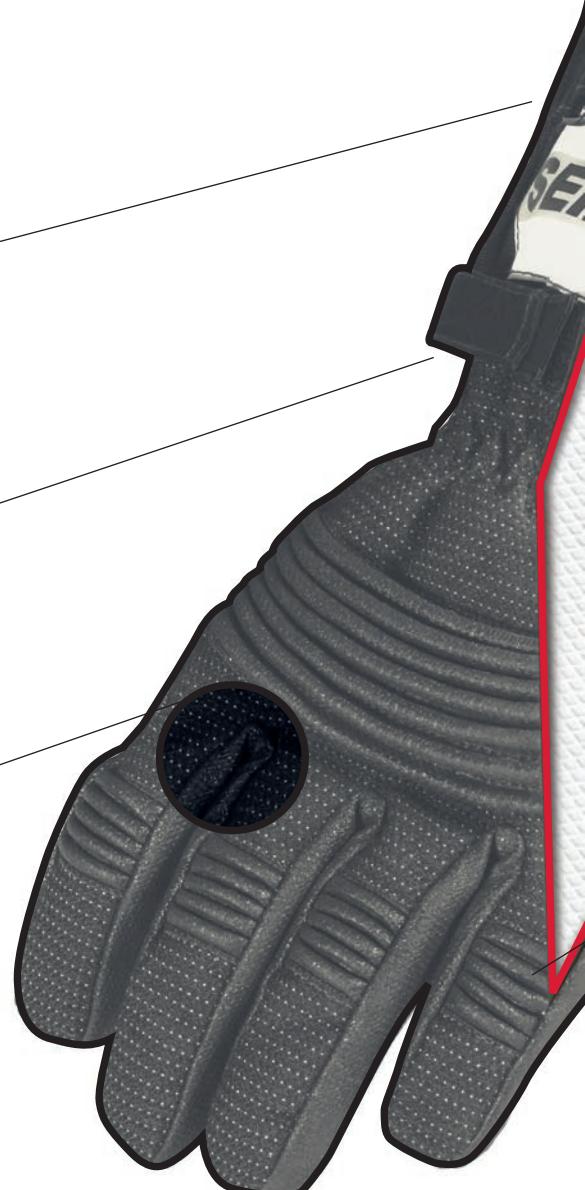
Cushions the most sensitive region of the wrist.

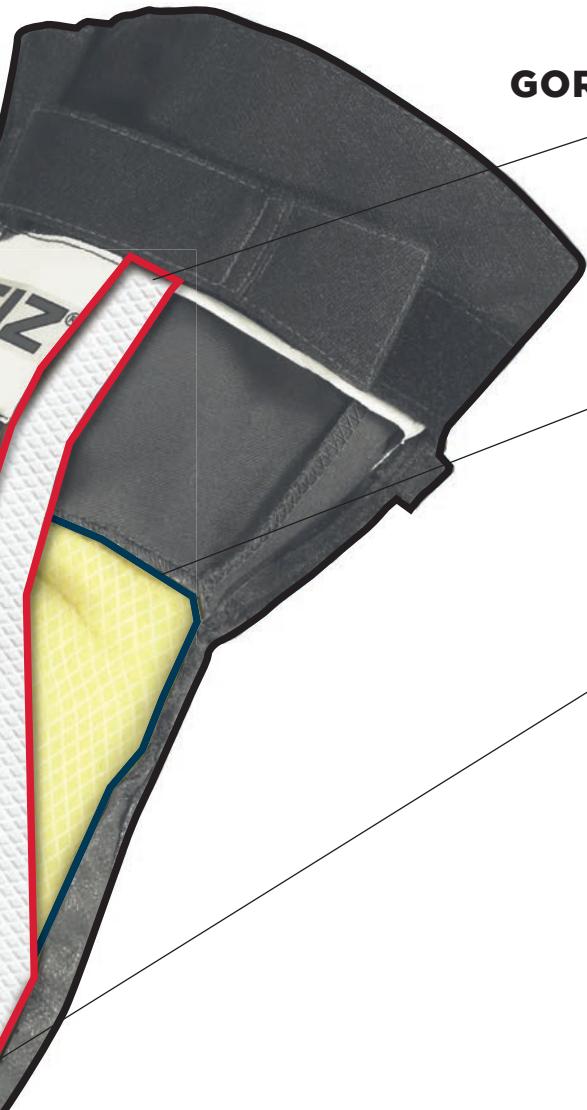
## BACK OF THE HAND

NOMEX® protection with reflective dots for additional safety.

## TACTICAL GLOVES

Gone are the days when occupational safety meant monstrous, bulky clothing and limited mobility. Protective gloves are one example. Thanks to the use of high-tech fibres and innovative manufacturing technologies, they offer not only a high degree of protection, but also a level of comfort and finger mobility that was still unimaginable a few years ago. While protecting the hands was previously associated with a limited sense of feel because of the thickness of the leather gloves used in many applications, a new level of comfort is now available. Our Fire-Fighter Premium is an example for that.





## GORE-TEX CROSSTECH® GLOVE (FILM) INSERT

For better stability, the extremely thin GORE-TEX® membrane is sandwiched between the lining and outer skin. The GORE-TEX CROSSTECH® Glove (Film) Insert membrane provides additional protection against blood as well as other body fluids and various chemicals.

## LINING

Cut-resistant and skin-friendly inner lining of KEVLAR®.

## KNUCKLE AND HEAT PROTECTION

Integrated protection to guard the knuckles and serve as an effective barrier to heat penetration.

## OUR QUALITY PARTNERS



DUPONT™

Kevlar. Nomex

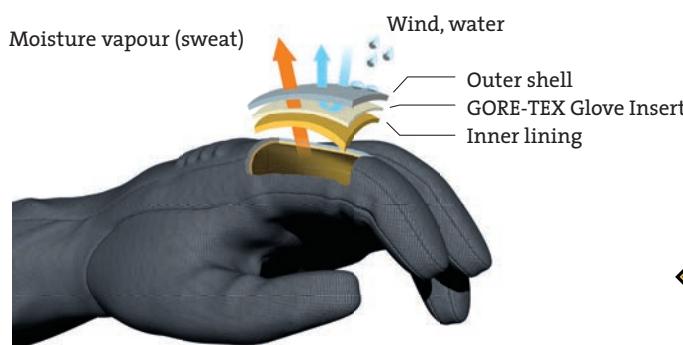


The new, comfortable protection is achieved primarily through the use of high-performance fibres such as NOMEX®/PBI® for good heat protection, KEVLAR® for good protection against cuts and a GORE-TEX® membrane for long-term breathability and water repellency. GORE-TEX CROSSTECH® Glove (Film) Inserts are a durable barrier against the penetration of blood and body fluids, as well as defined liquid chemicals.

Each of these materials has a special property profile that allows gloves made from them to perform better than those made from natural materials such as cotton or leather. By combining different materials, it is possible to manufacture gloves that in addition to their multi-functional features, leave nothing to desire in terms of comfort when worn.

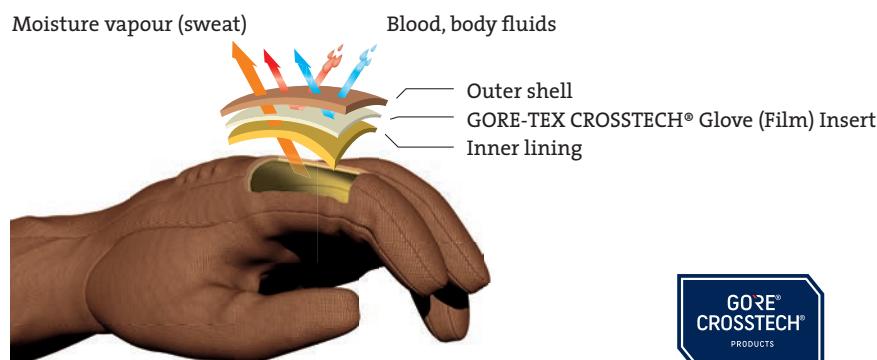
# GLOVE MEMBRANE

IT'S THE INSIDE THAT COUNTS



## GORE-TEX glove inserts

offer durable waterproofness, breathability and thermal stability: 3-layer ruggedness for heavy use and operations involving chemicals in accordance with EN 659.



GORE-TEX CROSSTECH® Glove (Film) Inserts are the solution when a risk assessment identifies the need for durable protection against blood and body fluids.

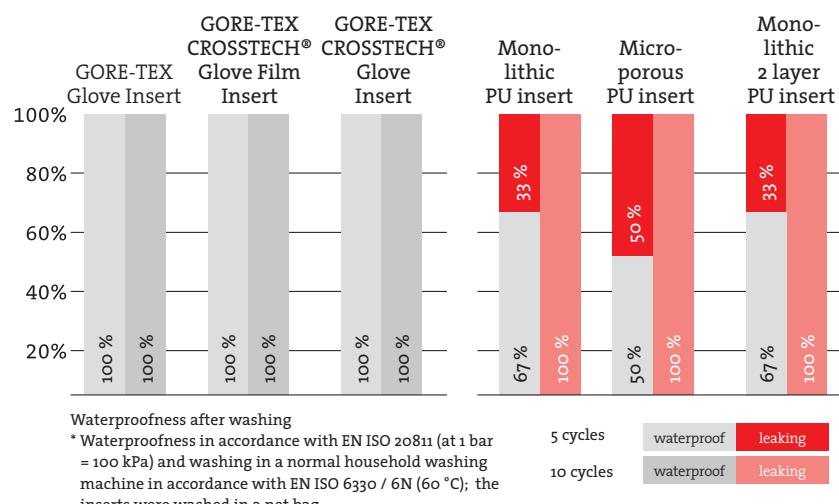
## REQUIREMENTS AND TEST CONDITIONS:

In active use, gloves become soiled and contaminated. As all other Personal Protective Equipment (PPE), they need to be washed at regular intervals. Throughout their product lifetime, fire-fighting garments are typically washed up to 25 times:

- Based on the lifecycle of a glove, it would seem realistic to assume that it would be washed between 5 and 10 times.
- Washing procedures in accordance with EN ISO 6330/6N (60 °C) have established themselves as standard procedure

at the majority of fire stations in German speaking countries.

- Washing at 60 °C in a normal household washing machine.
- In active use all kinds of different scenarios are possible. Certain parts of the glove may have to withstand extremely high pressures (> 1 bar = 100 kPa). For example: when having to crawl on all fours.



A membrane like the one from GORE-TEX cannot be seen or felt by the user. Nevertheless, it has crucial functions and can make all the difference in the field.

## THERMAL STABILITY OF GORE-TEX GLOVE INSERTS IN COMPARISON WITH PU INSERTS



New	After 5 minutes oven test	New	After 5 minutes oven test	
		<b>Test conditions:</b> 5 minutes at 180 °C		
<b>Monolithic PU insert</b>		During firefighting operations, when entering a room or when touching hot objects, firefighter gloves can be subjected to extremely high temperatures.	<b>GORE-TEX Glove Insert</b>	
		In the standards for firefighter PPE the thermal stability of the components of the protective equipment are tested in an oven (in accordance with ISO 17493) at 180 °C for 5 minutes.		
<b>Microporous PU insert</b>			<b>GORE-TEX CROSSTECH® Glove Film Insert</b>	
				
<b>Monolithic 2 layer PU insert</b>			<b>GORE-TEX CROSSTECH® Glove Insert</b>	

## CONCLUSIONS

- GORE-TEX Glove Inserts und GORE-TEX CROSSTECH® Glove (Film) Inserts are durably waterproof.<sup>(1)</sup>
- After 10 household washing cycles the tested PU glove inserts show leakage\*; after 5 washing cycles they show 50 % leakage.<sup>(1)</sup>
- GORE-TEX Glove Inserts und GORE-TEX CROSSTECH® Glove (Film) Inserts for structural firefighting are thermally stable.<sup>(2)</sup>
- PU glove inserts are not thermally stable.<sup>(1)</sup>

## BENEFITS IN USE

Permanent waterproof glove inserts

- prevent the insulation from becoming damp or soaked.
- prevent increased heat transfer as a result of damp or soaked insulation (risk of scald or burn injuries is therefore lower).
- protect against spatters of defined chemicals in accordance with EN 659.
- offer enhanced wearer comfort and lighter gloves due to lower water pick-up.

<sup>(1)</sup> Waterproofness in accordance with EN ISO 20811 (at 1 bar = 100 kPa) and washing in a normal household washing machine in accordance with EN ISO 6330 / 6N (60 °C); the inserts were washed in a net bag.

<sup>(2)</sup> Test according to ISO 17493 (5 min at 180 °C)

# WASHING AND CARE TIPS

## TACTICAL GLOVES

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Protection gloves for firefighting are regularly exposed to extreme conditions and have to withstand various hazards. After use, soiled or contaminated firefighting gloves can simply be washed (according to the instructions on the inside label). The aim is for you, as the end user, to enjoy your gloves for as long as possible and to always be fully protected. For this reason, we have compiled the most important information on the subject of washing and care of firefighting gloves.

1. **The gloves must not be treated with solvents, bleaching agents and/or oxidising agents!**

This weakens the aramid fibre, destroys laminate bonds and denatures leather. This can cause damage to the gloves. Do not wash gloves together with the rest of the clothing!

2. **Spin the gloves only at low speed!**

To reduce the mechanical stress in the laundry, gloves should be spun at a maximum of between 400 and 600 revolutions.

3. **The gloves must not be dried in a tumble dryer!**

In the tumble dryer, sometimes very high temperatures occur in combination with a very large fulling effect. This can damage the membrane and/or loosen the bond between the NOMEX® fabric and the KEVLAR® fleece. As a result, the stitch tear-out strength at the seams is greatly reduced. Leather becomes hard and brittle in the dryer. In the worst case, the laminate between the lining and the membrane can also come loose due to the fulling effect. This is impossible with proper treatment.

4. **Our gloves do not need to be impregnated!**

5. **The gloves should be hung up by the fingertips to dry!**

Please put on leather gloves before drying and lightly roll them through by hand and finger movements. This procedure helps to partially restore the suppleness of the leather.

## RESCUE GLOVES

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Washing and care are also becoming increasingly important for rescue gloves. Particularly noteworthy, for example, is the model DIPTEX 666 PROFI, which has a certified washability of 60 °C (at least 5 wash cycles). The S-RESCUE model is washable at 40 °C and offers the advantage of maintaining its performance levels after several washes. The corresponding washing and care instructions can also be found on the inside label and the same specifications apply as for the firefighting gloves as well.

Very often the gloves are washed by a central laundry. It is of great concern to us that all this information is also communicated to the laundries.

A washing overview of all firefighters' gloves as well as videos on the subject of washing and care tips can also be found on our website [www.seiz.de/wissenswertes](http://www.seiz.de/wissenswertes).

**„In times of fire cancer and risk of infection, the washability and decontamination of PPE is gaining in importance. Through certified washability and professional washing reports, we ensure that you are optimally protected for your next missions.“**





## FIRE-FIGHTER

Gloves in the Fire-Fighter series are manufactured from high-performance textiles and as a result are extremely strong. They are characterized by an extremely long service life. Men and women firefighters who rely on the protection of a Fire-Fighter glove value precisely this reliability and especially high quality. They themselves are just as reliable, hard-working, conscientious and unconditionally loyal. True firefighters take their profession seriously, face challenges and do not hesitate to take them on. Firefighters are people of action.

# ZIP`N`CLOSE: PROTECTION WITH ONE ZIP – EVERY SECOND COUNTS



**What is the use of ultra-modern, high-tech fire protection gloves if they do not fit properly and therefore fail to fully cover the hands and lower arms of the fire fighters? None at all. It renders them useless. There is more to a reliable fire protection glove than just materials and smart details. A perfect fit and closing system are also crucial for the protective function.**

The alarm goes off at the fire station. The tyre store in the neighbouring town is up in flames. Every second counts to prevent the worst. Without hesitation, the fire fighters are ready to drive to the site and put out the fire. "Every situation is different and you never know on the way there what to expect." comments Rainer Seiz, Managing Director of Seiz Technical Gloves. As a member of the voluntary fire service of Metzingen, Glems department, he speaks from experience. How far has the fire spread already? Are there still people inside the building? Is there any danger of explosion? A host

"**EVERY SECOND COUNTS  
DURING AN OPERATION.  
THE ZIP IS PUT ON  
QUICKLY AND CONVE-  
NIENTLY STOWED UN-  
DER THE SLEEVE OF THE**

**JACKET."**

of questions goes through the heads of the fire fighters on the way to the site. Pure adrenaline. There is absolutely no time at all to start thinking about the personal protective equipment (PPE) at this point. It simply has to work and give reliable protection. Not just the suit, boots and helmet, but most importantly, the gloves. They are always in use and exposed to the biggest dangers. "They have to take far more than the rest of the protective equipment put together." explains Rainer Seiz.

High-tech materials, wrist padding and knuckle protection, all of these details of modern fire protection gloves protect the hands of the fire fighters against serious injury caused by heat, impacts, blows and stitches. But, this protection is useless if the gloves do not fit the hands properly. This can happen, for example, if the cuff is too wide and leaves too much play to the wrist. The glove can slip out of position as a result and even come off the hand in a worst case scenario.

Gloves that are still on the hand but do not properly fit the wrist and lower arm become uncomfortable and inhibit movement. And that is not all; if the cuff does not fit underneath the jacket sleeves, sparks and hazardous liquids can touch the wrists and lower arms and cause serious injuries.

To provide reliable protection against such risks, the gloves must therefore fit the hands and lower arms perfectly without too much play. The new ZIP gloves ensures just that. The registered design is the first glove with a zip and hook and soft fastener. The development focussed on the cuff. The result is a brand-new type of cuff that is part of a clever patented fastener system (ZIP`N`CLOSE) that provides both reliable protection and comfort. **It combines the advantages of a wide cuff with those of a knitted cuff.** As a result, the membrane covers everything up to the end of the cuff and the glove can be quickly closed with one movement to provide well-fitting and reliable protection. The cuff also fits tightly to the wrist and lower arm, thus creating a perfect fit and comfort. What does this mean for the use at the tyre store? The gloves and jacket match each other perfectly and prevent sparks as well as fluids from running toward the lower arms or elbows. Even if the jacket slips back whilst in action, a continuous moisture and vapour barrier provides total protection. The additional hook and

soft fastener fixes the glove firmly in place. The hands of the fire fighters are therefore reliably protected during the entire fire fighting scenario. The ZIP glove is available in the Fire-Fighter, Thermo-Fighter and X-Fighter versions, which differ only in the materials used (textile or leather).



Patented:

EP No. 19 158 983.7  
DE 20 2019 103 818.7  
RCD Nr. 006620829

- Quick to take on and off
- Optimal fit and interplay with your jacket
- Continuous steam barrier (membrane to the cuff end)



# PURE TECHNOLOGY

## FIRE-FIGHTER ZIP (FF-ZIP)

1564420-FF-ZIP



Patented

<b>PALM</b>	Double-Face knit of KEVLAR® / NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® in red and dark blue with SEIZ® Heat Absorber positioned to protect knuckles. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	Cuff made of NOMEX® with patented ZIP`N`CLOSE closure system (zip and velcro closener). The advantages of a standard cuff and a knitted cuff are combined.
<b>STANDARD SIZES</b>	Vapour barrier and waterproof up to the end of the cuff. Very good fit in combination with tactical jackets. Internal loop for carabiner for attaching the gloves to the jacket.  EN 659:2003 + A1:2008 + AC:2009 (05) 06 07 08 09 10 11 12 (13)



## FIRE-FIGHTER PREMIUM (FF-P)

1564420-FF-P



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles. Reflective dots for additional safety. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	Wide NOMEX® cuff with two fasteners for perfect fit in extreme situations. Reflective stripe of 3M Scotchlite™.
<b>STANDARD</b>	2x D-ring and carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 (05) 06 07 08 09 10 11 12 13 (14)



DuPont™  
Nomex

DuPont™  
Kevlar®



## FIRE-FIGHTER PREMIUM S (FF-PS)

1564420-FF-PS



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles.
<b>LINING</b>	Reflective dots for additional safety. Elastic gather at the wrist.
<b>MEMBRANE</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>CUFF</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>STANDARD</b>	NOMEX® knitted cuff with pulse protection and eyelet for carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 (05) 06 07 08 09 10 11 12 13 (14)



DuPont™  
Nomex

DuPont™  
Kevlar®



**FIRE-FIGHTER PREMIUM PBI (FF-P-PBI)**

1564420-FF-P-PBI

**NEW  
DESIGN**

<b>PALM</b>	Double-Face knit of KEVLAR®/NOMEX® with silicone carbon coating.
<b>BACK</b>	PBI® with SEIZ® Heat Absorber positioned to protect knuckles. Elastic shirring at wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	Wide cuff of PBI®. 3M Scotchlite™ segmented reflective tape at cuff end, with closure system on the inside of the hand. 2x D-ring and carabiner for attaching the gloves to the jacket
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	(05) 06 07 08 09 10 11 12 13 (14)

**FIRE-FIGHTER PREMIUM S PBI (FF-PS-PBI)**

1564420-FF-PS-PBI

**NEW  
DESIGN**

<b>PALM</b>	Double-Face knit of KEVLAR®/NOMEX® with silicone carbon coating.
<b>BACK</b>	PBI® with SEIZ® Heat Absorber positioned to protect knuckles. Elastic shirring at wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	NOMEX® knitted cuff with pulse protection and eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	05 06 07 08 09 10 11 12 13 (14)



## FIRE-FIGHTER EVOLUTION (FF-E)

1564420-FF-E



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles with patented ceramic coating for additional heat protection. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	Wide NOMEX® cuff with bottom fastener and a ceramic coating in the printed honeycomb section. Reflective stripe of 3M Scotchlite™.
<b>STANDARD</b>	2x D-ring and carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12



DuPont™  
**Nomex**

DuPont™  
**Kevlar**



## FIRE-FIGHTER CLASSIC (FF-C)

1564420-FF-C



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® with laminated felt (patented process) of KEVLAR® and reflective strip of 3M Scotchlite™. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX Glove Insert.
<b>CUFF</b>	Wide NOMEX® cuff with laminated felt (patented process) of KEVLAR®. All-round reflective strip of 3M Scotchlite™. 2x D-ring and carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	06 07 08 09 10 11 12 13 (14)



DuPont™  
**Nomex**

DuPont™  
**Kevlar**



## FIRE-FIGHTER ANATOMIC (FF-A)

1564420-FF-A



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® with SEIZ® Heat Absorber positioned to protect knuckles. Additional reflective elements. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the PTFE membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	PTFE membrane. Waterproof, breathable, blood and bacteria proof. Viral and chemical resistance in accordance with NFPA 1971:2018.
<b>CUFF</b>	Wide NOMEX® cuff with bottom fastener for perfect fit and reflective strip. 2x D-ring and carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	(05) 06 07 08 09 10 11 12 13 (14)



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**Nomex**

«DUPONT»  
**Kevlar**



## FIRE-FIGHTER ANATOMIC S (FF-AS)

1564420-FF-AS



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	NOMEX® with SEIZ® Heat Absorber positioned to protect knuckles. Additional reflective elements. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the PTFE membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	PTFE membrane. Waterproof, breathable, blood and bacteria proof. Viral and chemical resistance in accordance with NFPA 1971:2018.
<b>CUFF</b>	KEVLAR® knitted cuff with pulse protection and eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	(05) 06 07 08 09 10 11 12 13 (14)



DuPont™  
**Nomex**

«DUPONT»  
**Kevlar**



## FIRE-FIGHTER ANATOMIC PBI (FF-A-PBI)

1564420-FF-A-PBI



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	PBI® with SEIZ® Heat Absorber positioned to protect knuckles. Additional reflective elements. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the PTFE membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	PTFE membrane. Waterproof, breathable, blood and bacteria proof. Viral and chemical resistance in accordance with NFPA 1971:2018.
<b>CUFF</b>	Wide NOMEX® cuff with bottom fastener for perfect fit and reflective strip. 2x D-ring and carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	(05) 06 07 08 09 10 11 12 13 (14)



## FIRE-FIGHTER ANATOMIC S PBI (FF-AS-PBI)

1564420-FF-AS-PBI



<b>PALM</b>	Double-Face knit of KEVLAR®/ NOMEX® with silicone carbon coating.
<b>BACK</b>	PBI® with SEIZ® Heat Absorber positioned to protect knuckles. Additional reflective elements. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the PTFE membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	PTFE membrane. Waterproof, breathable, blood and bacteria proof. Viral and chemical resistance in accordance with NFPA 1971:2018.
<b>CUFF</b>	KEVLAR® knitted cuff with pulse protection and eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	05 06 07 08 09 10 11 12 13 (14)



# FELLOWSHIP





## X-FIGHTER

Models of the X-Fighter series are extravagant and exclusive.

Soft elkskin leather provides unique comfort when worn. Worn by the elite among firefighters. The XF thus stands for those firefighters with outstanding strength, extreme endurance and rigid self-discipline; those who identify with their profession, self-confidently and resolutely pursue success and estimate their own capabilities on the basis of knowledge and with a cool head. They take the initiative with self-confidence and follow their instinct. They have high standards and value the best of the best.

# THE EXTRAVAGANT ONE

## X-FIGHTER PBI ZIP (XF-PBI-ZIP)

700400-ZIP



Patented

<b>PALM</b>	Beige coloured, smooth and hard-wearing soft grain leather.
<b>BACK</b>	PBI® with SEIZ® Heat Absorber positioned to protect knuckles. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	Cuff made of PBI® with patented ZIP N' CLOSE closure system (zip and velcro closener). The advantages of a standard cuff and a knitted cuff are combined. Vapour barrier and waterproof up to the end of the cuff. Very good fit in combination with tactical jackets. Internal loop for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	(05) 06 07 08 09 10 11 12 (13)



## X-FIGHTER C (XF-C)

700425



<b>PALM</b>	Light-coloured, soft and wear-resistant elkskin leather. Index finger with conductive insert for operating capacitive touch screens. Elastic gather at the wrist.
<b>BACK</b>	Light-coloured, soft and wear-resistant full-grain leather with inserts of PBI®, red NOMEX® and durable, soft knuckle protection, tested to EN 13594.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX CROSSTECH® Glove Insert - resistance to blood and bacterial fluids.
<b>CUFF</b>	Wide NOMEX® cuff with bottom fastener for perfect fit in extreme situations. 2x D-ring and carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	06 07 08 09 10 11 12 13



## X-FIGHTER (XF)

700400



<b>PALM</b>	Light-coloured, soft and wear-resistant elkskin leather.
<b>BACK</b>	Beige NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>CUFF</b>	GORE-TEX CROSSTECH® Glove Insert - resistance to blood and bacterial fluids.
<b>STANDARD</b>	Wide NOMEX® cuff with two fasteners for perfect fit in extreme situations.
<b>SIZES</b>	2x D-ring and carabiner for attaching the gloves to the jacket. EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 13



DuPont™  
**Nomex**

DUPONT™  
**Kevlar**



## X-FIGHTER S (XF-S)

700410



<b>PALM</b>	Light-coloured, soft and wear-resistant elkskin leather.
<b>BACK</b>	Beige NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>CUFF</b>	GORE-TEX CROSSTECH® Glove Insert - resistance to blood and bacterial fluids.
<b>STANDARD</b>	NOMEX® knitted cuff with pulse protection, eyelet and carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 (13)



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## X-FIGHTER PBI ZIP



SEIZ  
ZIP 'N' CLOSE  
SYSTEM

- Combined ZIP and velcro closure system: ZIP`N`CLOSE
- GORE-TEX CROSSTECH® membrane to the cuff end
- Optimal interplay with your jacket



## **THERMO-FIGHTER**

The robustness of the Thermo-Fighter emerges from the combination of traditional leather and modern materials. This combination of traditional and modern is appreciated by TF enthusiasts and gives them the necessary safety. They are realists who, in calm mastery of the situation, are always able to anticipate the consequences of their action. They are either fully committed to something or not committed at all. Whatever was started is brought to a conclusion. A high sense of responsibility, systematic approach to work and planned action ensure that they themselves have difficult situations under control.

# TRADITIONAL & MODERN

## THERMO-FIGHTER ZIP (TF-ZIP)

700300-ZIP



<b>PALM</b>	Heat-resistant, impregnated special leather.
<b>BACK</b>	NOMEX® in red with specially developed SEIZ® Heat Absorber over the knuckles.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	The KEVLAR® inner lining, the GORE-TEX CROSSTECH® membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>CUFF</b>	GORE-TEX CROSSTECH® Glove Film Insert - resistance to blood and bacterial fluids.
<b>STANDARD</b>	Cuff made of NOMEX® with patented ZIP`N`CLOSE closure system (zip and velcro closener). The advantages of a standard cuff and a knitted cuff are combined.
<b>SIZES</b>	Vapour barrier and waterproof up to the end of the cuff. Very good fit in combination with tactical jackets. Internal loop for carabiner for attaching the gloves to the jacket. EN 659:2003 + A1:2008 + AC:2009 (05) 06 07 08 09 10 11 12 (13)



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**Nomex**

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**Kevlar**



## THERMO-FIGHTER (TF)

700300



<b>PALM</b>	Heat-resistant, impregnated special leather.
<b>BACK</b>	NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	The KEVLAR® inner lining, the GORE-TEX membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>CUFF</b>	GORE-TEX Glove Insert.
<b>STANDARD</b>	Wide NOMEX® cuff with two fasteners. D-ring and carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 (13)



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## **THERMO-FIGHTER S (TF-S)**

700310



<b>PALM</b>	Heat-resistant, impregnated special leather.
<b>BACK</b>	NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	The KEVLAR® inner lining, the GORE-TEX membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>CUFF</b>	GORE-TEX Glove Insert.
<b>STANDARD</b>	NOMEX® knitted cuff with pulse protection, eyelet and carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 (13)



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**Kevlar**



## **THERMO-FIGHTER RED (TF-RED) THERMO-FIGHTER S RED (TF-S-RED)**



700302



700312

<b>PALM</b>	Heat-resistant, impregnated special leather.
<b>BACK</b>	Red NOMEX® with specially developed SEIZ® Heat Absorber over the knuckles. Elastic gather at the wrist.
<b>LINING</b>	The KEVLAR® inner lining, the GORE-TEX membrane and the outer shell form a link that cannot come loose (3-layer construction).
<b>MEMBRANE</b>	GORE-TEX Glove Insert.
<b>CUFF</b>	<b>TF-RED:</b> Wide, red NOMEX® cuff with two fasteners. D-ring and carabiner hook for attaching the gloves to the jacket. <b>TF-S-RED:</b> Black NOMEX® knitted cuff with pulse protection, eyelet and carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	06 07 08 09 10 11 12 (13)



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## BASIC TACTICAL GLOVES

Small letters decorate the cuffs of the basic glove. Despite their being placed in a lower price segment, these gloves should not be underestimated. They are often true all-rounders in their field. Although certified as firefighter gloves, you can rely on these entry-level models for all technical tasks. These models are not there to be handled with care – they are intended to handle your budget with care. Decision-makers who can estimate the intensity of their activities correctly can lower their costs with these basic models.

**SUPER-SOFT**

700020



<b>PALM</b>	Soft full-grain cowhide leather in black.
<b>BACK</b>	Full-grain cowhide leather in black with knuckle protection.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	KEVLAR® with polyester glass. The 3-layer structure of inner lining, membrane and outer shell is firmly bonded together.
<b>CUFF</b>	Waterproof and breathable.
<b>STANDARD</b>	Wide cuff of heat-resistant and impregnated special leather and yellow reflective strip of 3M Scotchlite™. D-ring and carabiner hook for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 (13)



«DUPONT»  
**Kevlar**

**FIRE-WORKER SA011**

700052



<b>PALM</b>	Heat resistant impregnated beige special leather.
<b>BACK</b>	Heat resistant impregnated beige special leather.
<b>LINING</b>	100 % KEVLAR®. The 3-layer structure of inner lining, membrane and outer shell is firmly bonded together.
<b>MEMBRANE</b>	Waterproof and breathable.
<b>CUFF</b>	Yellow knitted cuff made of KEVLAR®. Internal loop for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 659:2003 + A1:2008 + AC:2009
<b>SIZES</b>	06 07 08 09 10 11 12

«DUPONT»  
**Kevlar**



## FIRE-WORKER

700050



<b>PALM</b>	Heat-resistant, impregnated special leather in black.
<b>BACK</b>	Heat-resistant, impregnated special leather in black with knuckle protection.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	KEVLAR® with polyester glass. The 3-layer structure of inner lining, membrane and outer shell is firmly bonded together.
<b>CUFF</b>	Waterproof and breathable.
<b>STANDARD</b>	Wide cuff of heat-resistant and impregnated special leather and yellow-silver reflective strip of 3M Scotchlite™. D-ring and carabiner hook for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 (13)

DUPONT  
**Kevlar**



## FIRE-WORKER S

700051

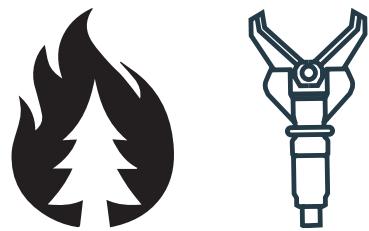


<b>PALM</b>	Heat-resistant, impregnated special leather in black.
<b>BACK</b>	Heat-resistant, impregnated special leather in black with knuckle protection.
<b>LINING</b>	Elastic gather at the wrist.
<b>MEMBRANE</b>	KEVLAR® with polyester glass. The 3-layer structure of inner lining, membrane and outer shell is firmly bonded together.
<b>CUFF</b>	Waterproof and breathable.
<b>STANDARD</b>	Black KEVLAR® knitted cuff with pulse protection and eyelet for carabiner for attaching the gloves to the jacket.
<b>SIZES</b>	EN 659:2003 + A1:2008 + AC:2009 06 07 08 09 10 11 12 (13)

DUPONT  
**Kevlar**







## WILDFIRE / RESCUE

Forest and wildfires, explosions, floods and accidents are events that pose a danger to life and limb.

Protecting property is also part of providing technical assistance. Having the right protective gear is very important when it comes to mastering these challenging tasks. Gloves for these purposes are intended for everyone who takes their responsibility to help others and do the right thing very seriously. As a true role model, they love to lend a helping hand and participate in something meaningful.

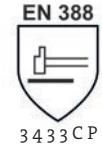
# MAGNUS

800186

**NEW**



<b>PALM</b>	Wear-resistant, reverse full-grain cowhide leather in grey. Reinforcement between index finger and thumb.
<b>BACK</b>	Flame resistant modacrylic in red, black and yellow, underlaid with gel knuckle protectors.
<b>LINING</b>	Comfort fleece lining on the backhand. Nylon fiberglass cut resistant lining on the palm.
<b>CUFF</b>	Neoprene, covered with flame resistant modacrylic in black. Velcro fastening and eyelet for carabiner for attaching the gloves to the tactical jacket. Flame resistant wedge at the glove entry to protect against sparks and splinters.
<b>STANDARD</b>	ISO 16073-4:2019, EN 388:2016, EN 407:2004
<b>SIZES</b>	06 07 08 09 10 11 12 13



The number of wildfires has increased significantly in the past and will continue to concern us in the future due to global climate change.

The **Magnus** model was developed based on feedback and requirements from various fire brigades to provide responders with a lightweight glove for such operations.

Certified to ISO 16073-4:2019, EN 388:2016 and EN 407:2004, the glove is impressive thanks to its material composition of flame resistant modacrylic, a robust leather palm that has been tested for contact heat, and the cut resistant lining.

With the **Magnus**, whose construction is based on the rescue glove **Mechanic 185**, you have a practical 2in1 solution for fire-fighting in open terrain and technical assistance.



**MECHANIC 185**

800185



<b>PALM</b>	Wear-resistant, reverse full-grain cowhide leather in grey. Reinforcement between index finger and thumb.
<b>BACK</b>	Signal-yellow nylon and black knuckle neoprene protectors.
<b>LINING</b>	Comfort fleece lining on the backhand. Nylon fiberglass cut resistant lining on the palm.
<b>CUFF</b>	Neoprene cuff with velcro closure and eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	06 07 08 09 10 11 12 13

**MECHANIC 185 SLIM**

800185 #SLIM

**NEW**      **SLIM FIT**



<b>PALM</b>	Wear-resistant, reverse full-grain cowhide leather in grey. Reinforcement between index finger and thumb.
<b>BACK</b>	Signal-yellow nylon and black knuckle neoprene protectors.
<b>LINING</b>	Comfort fleece lining on the backhand. Nylon fiberglass cut resistant lining on the palm.
<b>CUFF</b>	Neoprene cuff with velcro closure and eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	06 07 08 09 10 11 12 13



## PROFEEL

800100-PRF



<b>PALM</b>	Black blended fabric of elastane and polyamide with reinforcements of special Amara leather fabric in the thumb area. The silicone print ensures perfect grip.
<b>BACK</b>	Yellow and red windbreaker fabric paired with black neoprene.
<b>LINING</b>	KEVLAR® with fiberglass for 360° all-around protection.
<b>CUFF</b>	With elastic gather to protect against glass splinters and dirt. Donning aid with eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	06 07 08 09 10 11 12 13



## S-RESCUE

800113-SRES



<b>PALM</b>	Black blended fabric of elastane and polyamide with reinforcements of special fabric enhanced with KEVLAR®. Contact heat up to 250 °C.
<b>BACK</b>	Signal-yellow blended fabric of elastane and polyamide. Impact protectors over the finger knuckles and the back of the hand.
<b>LINING</b>	KEVLAR® fiberglass.
<b>CUFF</b>	With elastic gather to protect against glass splinters and dirt. Internal loop for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016, EN 407:2004
<b>SIZES</b>	06 07 08 09 10 11 12 (13)



DUPONT  
Kevlar

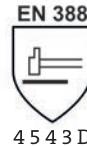


**X-RESCUE**

800113



<b>PALM</b>	KEVLAR® with silicone coating and reinforcements of Amara leather. Contact heat up to 100 °C.
<b>BACK</b>	Nylon in yellow with knuckle protectors of Amara leather.
<b>LINING</b>	KEVLAR® with fiberglass.
<b>CUFF</b>	Long cuff with elastic gather and velcro fastener at the wrist. Internal loop for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016, EN 407:2004
<b>SIZES</b>	06 07 08 09 10 11 12 (13)

**EXTRICATION**

800245



<b>PALM</b>	Wear-resistant, reverse full-grain cowhide leather in dark-grey. Leather reinforcements on the inside and in the thumb region.
<b>BACK</b>	100 % nylon with knuckle neoprene protectors.
<b>LINING</b>	100 % KEVLAR®.
<b>MEMBRANE</b>	Waterproof and breathable.
<b>CUFF</b>	A velcro fastener on the cuff seals the glove, protects the hand and prevents entry of splinters and dirt. Donning aid with eyelet for carabiner for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	07 08 09 10 11 12



## DIPTEX 666 PROFI

200666-PRO



**PALM**

Seamless knitted cut protection glove made of high performance yarn (HPPE) and steel thread. Palm with a non-slip nitrile foam dipping.  
Touch function (device dependent).

**BACK**

High performance yarn (HPPE) with additional finger and knuckle protectors.

**CUFF**

Internal loop for carabiner for attaching the gloves to the jacket.

**STANDARD**

EN 388:2016

**SIZES**

06 07 08 09 10 11



4 X 4 3 F P

## SPECTER

800295



**PALM**

Seamless knitted cut protection glove made of high-performance yarn combination consisting of HPPE, fiberglass, nylon and spandex. Red nitrile dipping for secure grip. Sewn reinforcement between thumb and index finger.

**BACK**

Yarn combination like palm with additional finger and knuckle protectors.

**CUFF**

Internal loop for carabiner for attaching the gloves to the jacket.

**STANDARD**

EN 388:2016

**SIZES**

06 07 08 09 10 11 12



4 X 4 3 C P

## DIPTEX CHEM-552

400552

**DESCRIPTION**

Cut-resistant liner (18 gauge) that is extremely comfortable to wear, with triple nitrile dipping in sandy finish. Provides very good grip for handling wet and oily parts. Despite its robustness, the glove is very flexible and fits almost every anatomical hand shape. Contact heat up to 100 °C.

**STANDARD**

EN 388:2016, EN 407:2004, EN 374-1:2016/TYP B, EN 374-5:2016

Test chemicals: J | n-heptane, K | Sodium hydroxide, 40 %, L | Sulphuric acid, 96 %

08 09 10 11 12

**SIZES****EN 388**

4X43D

**EN 407**

X1XXXX

**EN 374**

J K L

**EN 374**

## INSULATING GLOVES

CG-10-S2



**DESCRIPTION**

Personal protection against electrical shocks for live working up to 1000 V. These gloves provide protection against arc flash: they are compliant with the standard EN 61482-1-2 class 1 and class 2.

**ACCESOIRES**

911703-132 Over gloves

CG-117 Pneumatic glove tester

**STANDARD**

EN 60903:2003, IEC 61482-1-2

**SIZES**

08 10



## OVER GLOVES (K-GRIP 7G SIL / K-GRIP 7G PVC)

911703-432 / 911703-432R



**DESCRIPTION**

Overgloves for mechanical protection of the insulating gloves. Consist of 100 % KEVLAR® and are equipped with transparent silicone nubs (-432) or red PVC nubs (-432R) on the palm for optimum grip.

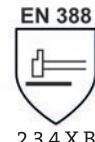
**STANDARD**

EN 388:2016

**SIZES**

08 10

DUPONT  
**Kevlar**



## PNEUMATIC GLOVE TESTER

CG-117



**DESCRIPTION**

Before each use, the insulating gloves must always be checked and a repeat test (visibility and tightness) must be carried out every six months.

**DIMENSIONS**

Height: 14 cm / Diameter: 12,5 cm

**WEIGHT**

675 g

## GLOVE BAG

300220



**DESCRIPTION**

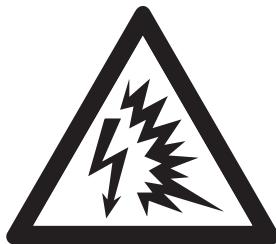
The glove bag in black/red made of cotta and mesh is used to store tactical and technical gloves, but is mainly intended for the article CG-10-S2 (insulating gloves). The mesh material on the sides ensures good ventilation of the gloves. The bag can be hung up by means of a loop.

**DIMENSIONS**

Length x width x height: approx. 40 cm x 23 cm x 7 cm



# TESTED AND CERTIFIED: INSULATING GLOVES RELIABLY PROTECT AGAINST ARC FLASHS



Everyone who is exposed to the thermal hazards of an arc flash in their job needs reliable personal protective equipment (PPE). This also includes protective gloves. The requirements that these must fulfil have not yet been standardised in any standard. For this reason, the Testing and Certification Body for Electrical Engineering of the ETEM Division has drawn up two test principles (German Social Accident Insurance (DGUV) test): These serve as the basis for certified hand protection - such as the SEIZ insulating glove. In combination with the other components of their protective equipment, they protect, for example, fire brigade rescue workers from risks such as electric shocks when working under voltage. The glove can also be used in the automotive industry to protect against electric arcs - for example, in the manufacture of modern drive technology.

"MISSIONS INVOLVING  
E-CARS IN ACCIDENTS  
ARE BECOMING MORE  
AND MORE FREQUENT  
AND INVOLVE NEW  
DANGERS."

#### Obligation for fire-fighters

To prevent risks posed by an arc flash during a fire brigade operation, the standard DIN 14800-13 for fire brigade equipment for fire engines stipulates that a pair of electrically insulating protective gloves must be part of the traffic accident kit. These are also required when deactivating electric vehicles in their rescue data sheets.

When working with electric current, there is always a risk of an arc flash. This arises in the event of a short circuit or if live parts are disconnected or damaged.

Not only electricians, mechatronics engineers or vehicle technicians are aware of this danger, but also firefighters. In the event of a road accident involving an electric or hybrid car, the lithium-ion battery can be damaged and an arc flash can occur - in the worst case with fatal consequences such as a dangerous flow through the body when

touched. This in turn can lead to ventricular fibrillation and even cardiac arrest, internal and external burns and nerve paralysis. The effects of an arc flash are serious even if the body is not exposed to it: temperatures of up to 19,000 degrees Celsius, a pressure wave as a result of the rapid energy discharge or light effects with high UV and infrared radiation may occur.

#### **Requirements for hand protection specified**

For their own safety, for example, public utility employees or workers in the field of modern drive technology in the automotive industry, as well as rescue workers, need reliable protective equipment, which includes gloves. These gloves protect the various occupational groups from electric shocks when working under voltage of up to 1,000 volts on the one hand and from arc flashes on the other. But which requirements must the model fulfil for this protective function? Up to now, there has been no standard for testing and evaluating the arc flash resistance and protection of gloves. For this reason, the Testing and Certification Body for Electrical Engineering of the ETEM Division established the testing principles GS-ET-42-1 and GS-ET-42-2. The principles refer to the additional requirements for the testing and certification of electrically insulating gloves or heat protective gloves with additional protection against the thermal effects of an arc flash (DGUV Information 203-077- Thermal hazard due to arc flashes).

#### **Put through their paces**

In addition to testing arc flash resistance and protection, the testing principles also cover other safety-relevant additional requirements for arc flash protective gloves. Gloves certified in this way comply with the EN 61482-1-2 Box Test APC 2 standard for protective clothing against the thermal hazards of an electric arc. It serves as proof of arc flash protection by the textile materials used. To meet this proof, the gloves must be subjected to the so-called box test.

This tests thermal insulation, burn hazard and garment function after exposure to an electric arc. In the box test, the gloves are classified in class 1 (4 kiloamperes) and class 2 (7 kiloamperes), with class 2 indicating the best protection. This highest level of protection is provided by the SEIZ insulating glove, which is also tested in accordance with EN 60903:2003 and IEC 60903:2014 for gloves made of insulating material for live working. The acid, ozone and cold-resistant model is available with **overgloves**; wearing

layered clothing increases protection.

Another accessory is a **pneumatic glove tester**: In order to ensure long-term reliable protection, the gloves, like any other PPE, must be checked after each use (but at least every six months if there is no use). For this purpose, an internal and external visual inspection as well as a leak test must be carried out. The model can also be worn with cotton undergloves to provide additional protection against cold and to increase comfort.



## YOUNG FIREFIGHTERS

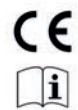
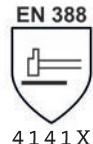
To be a young firefighter is probably the most wonderful interest a young person can have. Is there a better way to instil team spirit and comradeship as well as responsibility and trust? In conjunction with practical abilities, technical understanding and physical fitness, these values make being a member of the young firefighters group the most meaningful leisure-time activity for youths and adolescents. The fun and the great adventure arouse fascination with the young firefighters group. The SEIZ JF glove models are part of the reliable protective gear of the next generation of firefighters and are ideal for practicing rescue activities, extinguishing fires, attempting recovery and learning to protect.

## JF

800190



<b>PALM</b>	Black Amara leather with light padding.
<b>BACK</b>	Black Amara leather with grey knuckle protectors over the back of the hand and the fingers.
<b>LINING</b>	Soft acrylic lining.
<b>CUFF</b>	Double velcro fastener for perfect fit, pulse protection at the wrist. With yellow-silver-yellow signal strip on the back and a system of D-ring and hook for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	03 04 05 06 07 08 09 10 (12)



## COMPANION

800169-COM



<b>PALM</b>	Black Amara leather with light padding with silicon mesh for improved grip.
<b>BACK</b>	Made of blue and orange-coloured nylon with comfortable, soft acrylic lining, reflective finger applications and sublimation print "JUGENDFEUERWEHR" on neoprene.
<b>LINING</b>	Soft acrylic lining.
<b>CUFF</b>	Knitted cuff with D-ring and hook for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	02 04 06 08 10 12

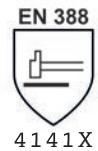


**FW-JUGEND**

800167



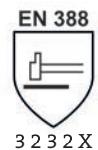
<b>PALM</b>	Black Amara leather with light padding.
<b>BACK</b>	100 % nylon with knuckle protectors made of Amara leather.
<b>LINING</b>	Soft acrylic lining.
<b>CUFF</b>	Knitted cuff with D-ring and hook ring for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	04 06 08 10

**KID**

800169-KID



<b>PALM</b>	Black Amara leather with light padding with silicon mesh for improved grip.
<b>BACK</b>	Made of blue and yellow-coloured nylon with pleasant, soft acrylic lining, reflective finger applications and sublimation print "KINDERFEUERWEHR" on neoprene.
<b>LINING</b>	Soft acrylic lining.
<b>CUFF</b>	Knitted cuff with D-ring and hook for attaching the gloves to the jacket.
<b>STANDARD</b>	EN 388:2016
<b>SIZES</b>	02 03 04 05





## TAILOR-MADE GLOVES

Ten fingers – a million possibilities. By having its own tailor-made glove design, every crew can differentiate itself from others and express team spirit in a special way.

Creativity has no limits. A dozen colours are available and can be combined. It is also possible to incorporate your own logos and images into the design. The large number of possibilities makes each glove model unique. An original idea for everyone who is original.

# GLOVE CONFIGURATION

THE BEST DESIGNER IS YOURSELF. WE ARE HAPPY TO ADVISE YOU!



Link to website

## YOUR THEME



1-COLOUR  
SCREEN-PRINTED



RUBBER LOGO  
UP TO 3 COLOURS



SUBLIMATION

## HOOK AND LOOP FASTENERS



WITH NO PRINTING



RUBBER LOGO  
UP TO 3 COLOURS

## DIPPED GLOVES



PU

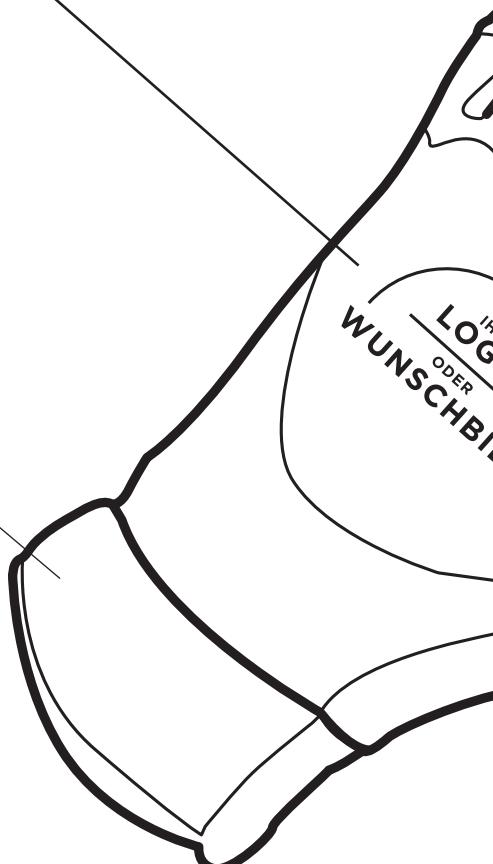


NIT



LAT

Nowadays, coated gloves are finding their way into all fields of work. In this regard, PU-coated gloves are the perfect all-rounder that hardly limits the hand's sense of touch and delicacy of feeling. Nitrile gloves are especially well-suited for handling oily parts. Tell us about your particular requirements!



## EXAMPLES OF APPLICATIONS



## APPLICATION

In addition to selection from a wide variety of applications, you can also specify a number of colours.



UP TO 3 COLOURS

## COLOURS



## KNIT GLOVES



Knit protective gloves are not manufactured from individual parts like common gloves, but instead are produced without seams on special knitting machines. Since no seam presses or rubs, they are very comfortable to wear. With a production capacity of more than 10 million pairs per year, we offer the appropriate knit glove for almost every application based on a selection of various starting materials and methods for applying nubs. Challenge us!

# CHECK YOUR SIZE

## DETERMINE YOUR HAND SIZE

For perfect fitting gloves and therefore maximum safety, length and circumferential dimensions must match those of an individual's hand as exactly as possible. The following scale serves as an aid for determining the size and provides a reference point. The glove size may vary, depending on the cut of the particular model.

