







PREFACE

We grasp, hold, touch and feel ...

The hand is the universal tool of humans and at the same time sustains the most frequent injuries. It needs to be protected as best as possible at all times and in every situation, while simultaneously having optimal freedom of movement. This is the goal of SEIZ. That is why we manufacture our own gloves. With innovations, high-performance materials and ergonomic shapes that continually redefine and revolutionize gloves and their protective function.

This is more than a catalogue. It is a means of presenting our products in their entirety through the interplay of information and impressions. From idea to ultimate use. Every pair of gloves writes its own history over time. We present some of them here firsthand.

We hope you enjoy yourself while browsing and discovering.

Sincerely,

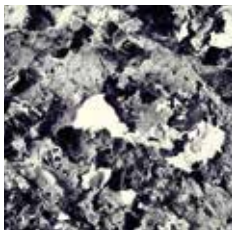
Rainer Seiz

THE WORLD OF SEIZ
P. 08



- PAGE 8
- The company
- PAGE 10
- Prizes awarded
- PAGE 12
- Glove construction

FIRE-FIGHTER (FF)
P. 15



- PAGE 16
- Report: Making a film
- PAGE 18
- FF Premium
- PAGE 18
- FF Premium S
- PAGE 19
- FF Premium PBI
- PAGE 19
- FF Premium S PBI
- PAGE 20
- FF Evolution
- PAGE 20
- FF Classic

X-FIGHTER (XF)
P. 25



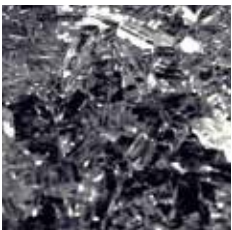
- PAGE 26
- Portrait: Firefighter based on passion
- PAGE 28
- XF C
- PAGE 28
- XF
- PAGE 29
- XF S
- PAGE 29
- XF LE

THERMO-FIGHTER (TF)
P. 33



- PAGE 34
- Interview: The Milland volunteer firefighters give insights
- PAGE 36
- TF
- PAGE 36
- TF S
- PAGE 37
- TF RED

BASIC TACTICAL
GLOVES P. 41



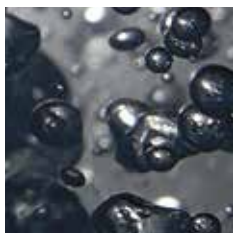
- PAGE 42
- Super-Soft
- PAGE 42
- Super-Soft S
- PAGE 43
- Fire-Worker
- PAGE 43
- Fire-Worker S
- PAGE 44
- One-4-All

RESCUE
P. 47



- PAGE 48
- Interview: Cool woman firefighter
- PAGE 50
- Extrication
- PAGE 50
- Keep Cool
- PAGE 51
- Supporter
- PAGE 51
- Rescue
- PAGE 52
- X-Rescue
- PAGE 52
- Hornet
- PAGE 53
- Gripper HR, HR-BND
- PAGE 53
- Mechanic 185
- PAGE 54
- Diptex Chem 552

YOUNG FIREFIGHTERS
P. 57



- PAGE 58
- JF
- PAGE 58
- Companion
- PAGE 59
- Young firefighters

CUSTOM GLOVES
P. 61



- PAGE 62
- Glove configuration

EQUIPMENT
P. 65



- PAGE 66
- Report: Put to the test
- PAGE 68
- Lasertemp
- PAGE 69
- Fire-Hood
- PAGE 69
- Snapper
- PAGE 69
- Mesh washing bag

WINTER SPORTS
P. 71



- PAGE 72
- Professional winter sports gloves



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-conducts as well as our identity and our responsibility.

The slogan TIME TO PERFORM underscores this thought.

We give our best and set technological standards in order to give our customers the ability to provide high 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.

PRIZES AWARDED

AWARDS IN THE INNOVATIONS CATEGORY



ADVANCEMENT AWARD 2016

Employer's Liability Insurance Association Raw Materials and Chemical Industry

The best ideas for a safe working environment are honoured with an advancement award from the Employer's Liability Insurance Association for the Raw Materials and Chemical Industry (BG RCI). The SEIZ Lasertemp temperature measuring instrument was awarded the highly endowed occupational health and safety prize "Work • Safety • Health" in the Product category. The purpose of the innovation is to warn firefighters early of high temperatures and the risk of flameover when opening doors in burning buildings.



VR INNOVATION PRIZE

Volksbanken Raiffeisenbanken

Every year, the Volksbanken Raiffeisenbanken in Baden-Württemberg award a 10,000 Euro prize for innovative developments. The president of the Baden-Württemberg Confederation of Associations, Dr. Roman Glaser and secretary of state, Klaus-Peter Murawski, presented the "VR Innovation Prize for Medium-Sized Companies 2016" to Rainer Seiz for invention of the SEIZ Lasertemp temperature measuring device. The awards ceremony to honour the winners took place during the VR-Mittelstandstag event for medium-sized companies and was attended by more than 1500 guests.



TOP INNOVATOR 2016

TOP 100

For more than 20 years, the TOP 100 has honoured the most innovative medium-sized companies annually. At the 3rd Summit of Medium-Sized German Companies in Essen, SEIZ was accepted into the so-called "Club of Excellence". Science journalist, physicist and moderator Ranga Yogeshwar and Christian Wulff, former German President, honoured the company personally. The Top 100 is the only competition that monitors, evaluates and presents awards for innovation management.



SAFETY MADE IN GERMANY

Vereinigung zur Förderung des Deutschen Brandschutzes e. V.

The German Fire Protection Association (Vereinigung zur Förderung des Deutschen Brandschutzes e. V. (vfdb)) awarded the quality seal "Safety made in Germany" (SMG) to SEIZ. At the gala celebration on the 30th anniversary of the worlds largest exhibition for occupational safety and health (A+A), Rainer Seiz, Managing Director, accepted the important prize. The quality seal is awarded to companies that meet the high standards for safety in Germany.



GLOVE INNOVATION AWARD

DuPont™ Kevlar®

At the Expoprotection in Paris, DuPont announced the European winner of the first DuPont™ Kevlar® Glove Innovation Award. This award honours innovative glove designs from DuPont™ Kevlar® licensees that incorporate Kevlar® and in this way respond to ever-changing market conditions. Among the winners is the Gecko rescue glove from SEIZ. This glove model truly honours its namesake, since the Gecko redefines "grip".



GLOVE CONSTRUCTION

FROM HIGH-TECH FIBRES AND THE RIGHT COMBINATION

WIDE CUFF

NOMEX® cuff with reflective strip of 3M Scotchlite™.
Ring and carabiner hook.

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.



GORE-TEX® WITH GORE® GRIP TECHNOLOGY

For better stability, the extremely thin GORE-TEX® membrane is sandwiched between the lining and outer skin.

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®

DuPont™
Nomex

The new, comfortable protection is achieved primarily through use of high-performance fibres such as NOMEX® for good heat protection, KEVLAR® for good protection against cuts and a GORE-TEX® membrane for long-term breathability and water repellency. 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. Thanks to the most modern manufacturing methods, it is possible to combine fabrics made from different fibres and produce multi-layer protective gloves with no loss of finger dexterity.



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.

A DAY FULL OF ACTION AND SURPRISES



A film that emphasizes the benefits of tactical gloves while providing useful information; this lead to the idea of a film project. A team spirit and readiness for action behind the scenes of the only one-day-long filming session are a requirement for capturing the action-rich scenes as planned. The team is not deterred by unexpected events and instead uses them to their advantage.

_A fire container in action. It is a cool Saturday morning in April as the film team, the fire department personnel and those responsible from SEIZ meet on the grounds of the Reutlingen fire department. All know what to do, since the filming was planned meticulously. Nevertheless, something unexpected is waiting for the 25 members of the group. Individuals wearing breathing protection - and who provide flashover and backdraft training as part of instruction in firefighting - are standing in front of the fire container at the back of the courtyard.

The filming plan is discarded without hesitation. "We must film that!" was the unanimous opinion. The large amount of film equipment is set up quickly – the fire container becomes the film set.

**PROFESSIONALISM,
TEAMWORK AND
ENDURANCE HAVE PAID
OFF, RESULTING**

**IN A FILM OF WHICH ALL
CAN BE JUSTLY PROUD.**

However, what they do not yet know: This dramatic scene lasts only 2 seconds in the finished film yet nevertheless becomes of great value for the final result.

_Firefighting. Clouds gather. Spontaneity is required once again. Instead of the planned filming at the fire station, the team now travels to the fire training area to simulate additional action before the rain arrives and while the lighting is good. The firefighter training house is filled with smoke. Entering a burning building through a second-storey window and opening a door are demonstrated. The crew is experienced and works well together; every movement is correct.



After two takes, the scene is shot. However, since only smoke and no flames could be seen, the team reaches into its bag of tricks. Pallets have already been stacked in the old fire container. Who is supposed to set the fire and who is to extinguish it subsequently have been decided. The close-up of the SEIZ Fire-Fighter Premium tactical glove in front of the blazing fire is intended to serve subsequently as a transition to a more detailed animation of the glove.

_Traffic accident with rescuing of persons. The preparations for the rescue scene are in full swing. To simulate a traffic accident with rescuing of persons it is first necessary to place a car in position. While this is taking place, the rescue service gets to work and applies makeup to



an extra to give the deceptively accurate appearance of head and hand injuries. Precisely at the moment filming is supposed to start, rain starts to fall and provides the required drama.

It is the big moment for the SEIZ Hornet TH glove, which operates the hydraulic rescue shears, stabilises the head of the injured person and is worn while carrying the rescue stretcher.

_At the end it's back to the beginning. Back at the fire station, there is another call for full action. The alarm sounds, the firefighting crew prepares to respond. To reach their lockers and response vehicles quickly, the firefighters slide down poles. The firefighting company gets into the vehicles and leaves. The film crew moves to another filming location once again. Proper care of tactical gloves is demonstrated in the washroom at the fire station. Relief. It was possible to complete the entire tightly packed program in one day.


Without the commitment of every individual this would not have been possible. Professionalism, teamwork and endurance have paid off, resulting in a film of which all can be justly proud.



PURE TECHNOLOGY

FIRE-FIGHTER PREMIUM (FF P)

1564420-FF-P



PALM

BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Woven from KEVLAR® / NOMEX® with a carbon-silicone coating.

NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles. Reflective dots for additional safety. Elastic gather at the wrist.

SEIZ® Senso Touch technology. Together with the outer skin, this inner lining insert of KEVLAR® und GORE-TEX® forms a single unit and cannot separate.

GORE-TEX® with GORE® GRIP technology.

Wide NOMEX® cuff with two fasteners for perfect fit in extreme situations. Reflective strip of 3M Scotchlite™.

Ring and carabiner hook.

EN 659:2003 + A1:2008 + AC:2009

(05) 06 07 08 09 10 11 12 (13) (14)






ABRASION RESISTANCE

CUT RESISTANCE

TEAR RESISTANCE


PUNCTURE RESISTANCE

FINGER DEXTERITY



FIRE-FIGHTER PREMIUM PBI (FF P PBI)

1564420-FF-P-PBI



PALM

BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Woven from KEVLAR® / NOMEX® with a carbon-silicone coating.

PBI® with a specially developed SEIZ® Heat Absorber over the knuckles.

Elastic gather at the wrist.

SEIZ® Senso Touch technology. Together with the outer skin, this inner lining insert of KEVLAR® und GORE-TEX® forms a single unit and cannot separate.

GORE-TEX® with GORE® GRIP technology.

Wide NOMEX® cuff with two fasteners for perfect fit in extreme situations. Reflective strip of 3M Scotchlite™. Ring and carabiner hook.

EN 659:2003 + A1:2008 + AC:2009

06 07 08 09 10 11 12






ABRASION RESISTANCE

CUT RESISTANCE

TEAR RESISTANCE


PUNCTURE RESISTANCE

FINGER DEXTERITY



FIRE-FIGHTER PREMIUM S (FF PS)

1564420-FF-PS



PALM

BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Woven from KEVLAR® / NOMEX® with a carbon-silicone coating.

NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles.

Reflective dots for additional safety. Elastic gather at the wrist.

SEIZ® Senso Touch technology. Together with the outer skin, this inner lining insert of KEVLAR® und GORE-TEX® forms a single unit and cannot separate.

GORE-TEX® with GORE® GRIP technology.

Woven NOMEX® cuff.

EN 659:2003 + A1:2008 + AC:2009

(05) 06 07 08 09 10 11 12 (13) (14)






ABRASION RESISTANCE

CUT RESISTANCE

TEAR RESISTANCE


PUNCTURE RESISTANCE

FINGER DEXTERITY



FIRE-FIGHTER PREMIUM S PBI (FF PS PBI)

1564420-FF-PS-PBI



PALM

BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Woven from KEVLAR® / NOMEX® with a carbon-silicone coating.

PBI® with a specially developed SEIZ® Heat Absorber over the knuckles.

Elastic gather at the wrist.

SEIZ® Senso Touch technology. Together with the outer skin, this inner lining insert of KEVLAR® und GORE-TEX® forms a single unit and cannot separate.

GORE-TEX® with GORE® GRIP technology.

Woven NOMEX® cuff.

EN 659:2003 + A1:2008 + AC:2009

06 07 08 09 10 11 12






ABRASION RESISTANCE

CUT RESISTANCE

TEAR RESISTANCE

PUNCTURE RESISTANCE

FINGER DEXTERITY



FIRE-FIGHTER EVOLUTION (FF E)

1564420-FF-E

**PALM****BACK****LINING****MEMBRANE****CUFF****STANDARD****SIZES**

Woven from KEVLAR® / NOMEX® with a carbon-silicone coating.

NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles with additional, patented ceramic coating. Elastic gather at the wrist.

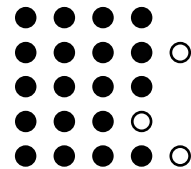
SEIZ® Senso Touch technology. Together with the outer skin, this inner lining insert of KEVLAR® und GORE-TEX® forms a single unit and cannot separate.

GORE-TEX® with GORE® GRIP technology.

Wide NOMEX® cuff with bottom fastener and a ceramic coating in the printed honeycomb section. Reflective strip of 3M Scotchlite™. Ring and carabiner hook.

EN 659:2003 + A1:2008 + AC:2009

06 07 08 09 10 11 12

ABRASION RESISTANCE**CUT RESISTANCE****TEAR RESISTANCE****PUNCTURE RESISTANCE****FINGER DEXTERITY**DuPont™
NomexDuPont™
Kevlar.**FIRE-FIGHTER CLASSIC (FF C)**

1564420-FF-C

**PALM****BACK****LINING****MEMBRANE****CUFF****STANDARD****SIZES**

Woven from KEVLAR® / NOMEX® with a carbon-silicone coating.

NOMEX® with laminated felt (patented process) of KEVLAR® and a reflective strip of 3M Scotchlite™. Elastic gather at the wrist.

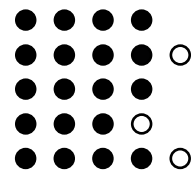
SEIZ® Senso Touch technology. Together with the outer skin, this inner lining insert of KEVLAR® und GORE-TEX® forms a single unit and cannot separate.

GORE-TEX® 3-layer insert.

Wide NOMEX® cuff with laminated felt (patented process) of KEVLAR®. All-round reflective strip of 3M Scotchlite™. Ring and carabiner hook.

EN 659:2003 + A1:2008 + AC:2009

06 07 08 09 10 11 12 (13) (14)

ABRASION RESISTANCE**CUT RESISTANCE****TEAR RESISTANCE****PUNCTURE RESISTANCE****FINGER DEXTERITY**DuPont™
NomexDuPont™
Kevlar.

"The firefighter's gloves are the most important protective element of personal protective gear. They are always out in front and exposed to the greatest danger – they must withstand more than the rest of the protective gear by far."

RAINER SEIZ CEO & volunteer fire department Metzingen, Fire Brigade Glems



**TIME TO
PERFORM**





X-FIGHTER

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

Supple 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.

SEIZ XF C

THE TACTICAL GLOVE

WHEN IT COMES DOWN TO HUNDREDTHS OF A SECOND



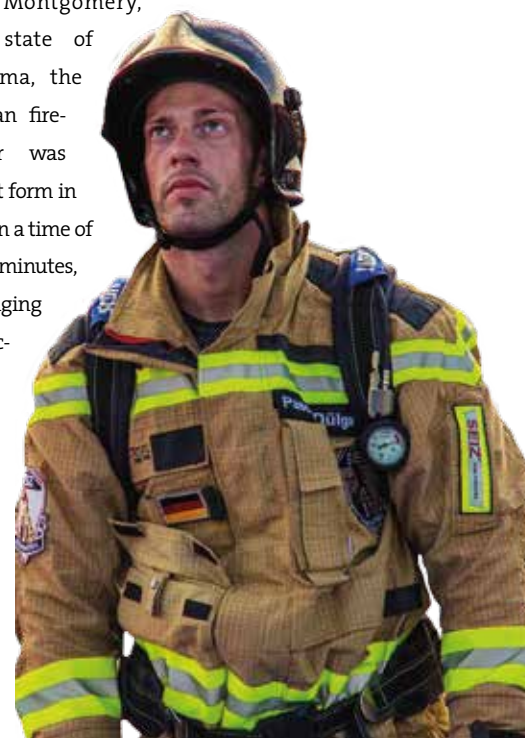
A person has to be a bit crazy to engage in competitive sports voluntarily while wearing protective gear and a breathing apparatus. Pascal Dülge does so with enthusiasm. As a SEIZ Fighter, he participates in firefighter competitions such as the Firefighter Combat Challenge, the Toughest Firefighter Alive and the EurOPAs Challenge. The competitions include firefighting-like sports disciplines where strength, endurance, speed and iron will are required.

Pascal Dülge is the fire chief of the Neubrandenburg fire department and turned his profession into a hobby many years ago. He has been an established figure in international firefighting sports for many years.

He participates in eight to ten competitions every season. In addition to events in Germany, challenges in Poland, France and America are fixed dates in Dülge's schedule. During the Firefighter Combat Challenge world championship in Montgomery,

capital of the US state of Alabama, the German firefighter was in best form in 2016. In a time of

1:26.09 minutes, he completed the challenging course, which had attracted 350 competitors from around the world.



The Firefighter Combat Challenge. Competitors start the Firefighter Combat Challenge on two stairwells in front of a three-storey-high tower. The starters run up these stairwells while shouldering a 19 kg hose pack. Upon arrival at the top, the hose is deposited and the challenge continues with hoisting an additional hose pack attached to the tower. Pascal Dülge incurred a penalty of two seconds here during the world championship, because the hose fell out of the provided box.

When descending the tower, it is important to touch every step. Striking a 72 kg weight with a sledgehammer to move it back a distance of 1.5 m is the next station of the course. The challenge then continues without interruption to the 43 m hose advance segment. Upon reaching the end, the participants pick up a nozzle with an attached water-charged hose, pull it out 23 m and open the nozzle to strike a target. All remaining strength must be activated for the final event of pulling an 85 kg dummy backwards for 30 m to the finish line.



What is decisive. Pascal Dülge completed all of these stations in approximately the time it took to read the last paragraph. While wearing full protective gear with attached breathing apparatus and without interruption. In addition to physical fitness and the correct technique, the gear plays a decisive role. The Neubrandenburg firefighter starts with the SEIZ XF C, which provides a firm grip and exceptional sense of feel thanks to the supple elkskin leather palm. "To grasp the handrails in the tower, the rope on the hose pack, the sledgehammer, the nozzle and the dummy, it is important to have the perfect glove. For me, that is the SEIZ XF C", states Dülge. The firefighter competitions truly can be called the hardest two minutes in sports. The basic idea behind the Firefighter Challenges and the associated training is to keep men and women firefighters fit to handle an emergency. Training for the competitions is simultaneously preparation for actual service. After all, you can never train enough to save a human life. Dülge devotes time to this iron training five to six times every week. A firefighter in whose hands you want to be in an emergency. A man for whom the competitors in the challenges had better prepare and who says: "I want to be one of the ten best in the world."

THE EXTRAVAGANT ONE

X-FIGHTER C (XF C)

700425



PALM

Light-coloured, supple and wear-resistant elkskin leather. Index finger with conductive insert for operating capacitive touch screens.

BACK

Light-coloured, supple and wear-resistant full-grain leather with inserts of PBI® and durable, supple knuckle protection, tested to EN 13594.

LINING

Elastic gather at the wrist.

SEIZ® Senso Lining System. The KEVLAR® inner lining and a blood- and bacteria-tight CROSSTECH® membrane insert form a single unit together with the outer skin and cannot separate.

MEMBRANE

CROSSTECH® 3-layer insert, permanently blood- and bacteria-tight.

CUFF

Wide NOMEX® cuff with two fasteners for perfect fit in extreme situations. Ring and carabiner hook.

STANDARD

EN 659:2003 + A1:2008 + AC:2009

SIZES

06 07 08 09 10 11 12 (13)

ABRASION RESISTANCE



CUT RESISTANCE



TEAR RESISTANCE



PUNCTURE RESISTANCE



FINGER DEXTERITY



DuPont™
Nomex

DuPont™
Kevlar®



X-FIGHTER (XF)

700400



PALM

Light-coloured, supple and wear-resistant elkskin leather.

BACK

Beige NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles.

LINING

Elastic gather at the wrist.

SEIZ® Senso Lining System. The KEVLAR® inner lining and a blood- and bacteria-tight CROSSTECH® membrane insert form a single unit together with the outer skin and cannot separate.

MEMBRANE

CROSSTECH® 3-layer insert, permanently blood- and bacteria-tight.

CUFF

Wide NOMEX® cuff with two fasteners for perfect fit in extreme situations. Ring and carabiner hook.

STANDARD

EN 659:2003 + A1:2008 + AC:2009

SIZES

06 07 08 09 10 11 12 (13)

ABRASION RESISTANCE



CUT RESISTANCE



TEAR RESISTANCE



PUNCTURE RESISTANCE

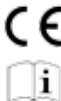


FINGER DEXTERITY



DuPont™
Nomex

DuPont™
Kevlar®



X-FIGHTER S (XF S)

700410



PALM

Light-coloured, supple and wear-resistant elkskin leather.

BACK

Beige NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles.

LINING

Elastic gather at the wrist.

SEIZ® Senso Lining System. The KEVLAR® inner lining and a blood- and bacteria-tight CROSSTECH® membrane insert form a single unit together with the outer skin and cannot separate.

MEMBRANE

CROSSTECH® 3-layer insert, permanently blood- and bacteria-tight.

CUFF

Woven NOMEX® cuff.

STANDARD

EN 659:2003 + A1:2008 + AC:2009

SIZES

06 07 08 09 10 11 12 (13)



DuPont™
Nomex

DuPont™
Kevlar®



ABRASION RESISTANCE



CUT RESISTANCE



TEAR RESISTANCE



PUNCTURE RESISTANCE



FINGER DEXTERITY



X-FIGHTER LE (XF LE)

700422



PALM

Light-coloured, supple and wear-resistant elkskin leather.

BACK

Light-coloured, supple and wear-resistant elkskin leather with knuckle protection of reversed elkskin leather. Elastic gather at the wrist.

LINING

KEVLAR® with fiberglass.

MEMBRANE

Waterproof and breathable.

CUFF

Wide, long cuff of split leather, two layers in pulse area. Loop for attaching glove to service jacket.

STANDARD

EN 659:2003 + A1:2008 + AC:2009

SIZES

06 07 08 09 10 11 12 (13)

DuPont™
Kevlar®



ABRASION RESISTANCE



CUT RESISTANCE



TEAR RESISTANCE



PUNCTURE RESISTANCE

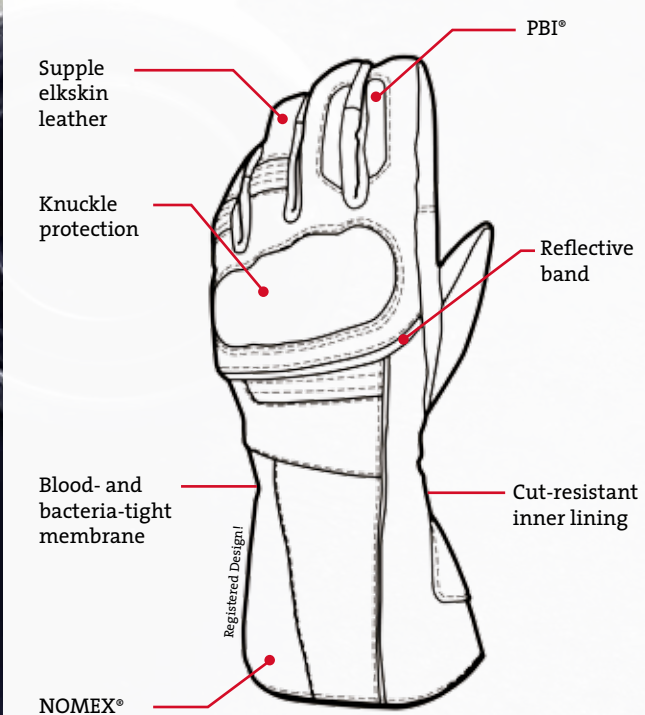


FINGER DEXTERITY





X-FIGHTER C (XF C)





THERMO-FIGHTER

The robustness of the Thermo-Fighter comes 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 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.

EMERGENCY CALL 115

INTERVIEW WITH THE MILLAND VOLUNTEER FIRE DEPARTMENT



Comradely, determined and innovative. These three words describe the volunteer firefighters in Milland. It is no surprise that the crew of 50 values rugged protective gear. These "defenders" as they are called in South Tyrol are equipped with the SEIZ TF S firefighter glove and the Extrication model for technical assistance. In an interview, the Milland volunteer firefighters provided a look at their life as firefighters.

How many men and women are active members of the Milland volunteer fire

department? The Milland volunteer fire department currently has 50 active members. We are still waiting for the first woman firefighter in our group, but are confident that we will be able to welcome the first woman among our active members in the near future.

Do you expect this female reinforcement from the younger generation? Yes. We have had a young firefighters group for 35 years; it currently numbers about 12 young men and women. Most of the firefighters who joined the

Milland volunteer fire department in the past were previously members of the young firefighters group.

With the positive side effect that the average age of the crew did not increase?

More or less. At an average age of just 37, the Milland volunteer fire department is quite young.

And also fresh and innovative as a result? At our fire station in particular the interest focuses on technical advances. We frequently test new equipment that makes our work easier and always stay up-to-date about innovations in personal protective gear.

"AT OUR FIRE
STATION IN PARTICULAR
THE INTEREST
FOCUSES ON
TECHNICAL ADVANCES."



On what you place particular value when it comes to personal protective gear? On the safety of our firefighters. The personal protective gear must offer the best possible protection against the many dangers encountered when responding to an emergency. In addition, features such as visibility at night and comfort when worn are important.

What are the reasons you decided to choose our SEIZ TF S model?

We tested various models from different manufacturers. The majority of the firefighters indicated their preference for the TF S. Reasons include the high level of comfort when worn, the excellent workmanship and the pleasant feel of the material used for this glove.

You have selected two models with a special leather palm; is this based on your particular needs?

Almost every summer there are numerous emergencies during storms when several crews from our station respond to as many as 20 locations. For these we need rugged gloves that offer a firm grip.

To how many emergency calls do you respond yearly?

On average, 80. A large majority of these involve technical assistance. However, we also respond to calls about hazardous materials and fires.

Situations where every grip must be secure. How do you prepare for these? With numerous and very frequent drills. We are continually striving to improve: Our technical equipment as well as the tactical understanding of our members at the emergency location. We learn from the experience of first responders at home and abroad. We gather this knowledge primarily from the Internet, but also from technical journals, and attempt to integrate into our fire department.

And you also share your experiences on the Internet.

For precisely this reason? For this reason and others. We have also noticed, however, that the general populace is very interested in our activities. For this reason, we also focus on public relations: Interested parties are informed regularly and promptly about our responses to emergency calls and drills on our Internet and Facebook pages, which are among the most frequently visited Internet sites in our country.

From browsing these pages, we have the impression that everything is just right at the Milland volunteer

fire department. Is that so? We continually strive to provide the population with good firefighting services. Our fire chief values comradely relationships highly, both internally at the station and with those outside the station, for instance, through good cooperation with neighbouring fire departments.

Thank you very much for the interview. We wish you continued safety when responding to calls.



TRADITIONAL & MODERN

THERMO-FIGHTER (TF)

700300



PALM
BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Heat-resistant, impregnated special leather.
NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles.
Elastic gather at the wrist.
SEIZ® Senso Touch lining system. The inner lining of KEVLAR® is attached permanently to the GORE-TEX® membrane.
GORE-TEX® Non-Woven Membrane.
Wide NOMEX® cuff with two fasteners. With ring and carabiner hook.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12 (13)



DuPont™
Nomex

DuPont™
Kevlar®



ABRASION RESISTANCE ● ● ● ○
CUT RESISTANCE ● ● ● ○ ○
TEAR RESISTANCE ● ● ● ●
PUNCTURE RESISTANCE ● ● ● ○
FINGER DEXTERITY ● ● ● ● ○

THERMO-FIGHTER S (TF S)

700310



PALM
BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Heat-resistant, impregnated special leather.
NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles.
Elastic gather at the wrist.
SEIZ® Senso Touch lining system. The inner lining of KEVLAR® is attached permanently to the GORE-TEX® membrane.
GORE-TEX® Non-Woven Membrane.
Woven NOMEX® cuff.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12 (13)



DuPont™
Nomex

DuPont™
Kevlar®



ABRASION RESISTANCE ● ● ● ○
CUT RESISTANCE ● ● ● ○ ○
TEAR RESISTANCE ● ● ● ●
PUNCTURE RESISTANCE ● ● ● ○
FINGER DEXTERITY ● ● ● ● ○

THERMO-FIGHTER RED (TF RED)

700302



PALM
BACK

LINING

MEMBRANE

CUFF

STANDARD

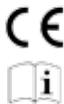
SIZES

Heat-resistant, impregnated special leather.
Red NOMEX® with a specially developed SEIZ® Heat Absorber over the knuckles.
Elastic gather at the wrist.
SEIZ® Senso Touch lining system. The inner lining of KEVLAR® is attached permanently to the GORE-TEX® membrane.
GORE-TEX® Non-Woven Membrane.
Wide, red NOMEX® cuff with two fasteners. With ring and carabiner hook.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12 (13)



DuPont™
Nomex

DuPont™
Kevlar®



ABRASION RESISTANCE ● ● ● ○
CUT RESISTANCE ● ● ● ○ ○
TEAR RESISTANCE ● ● ● ●
PUNCTURE RESISTANCE ● ● ● ○
FINGER DEXTERITY ● ● ● ● ○





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

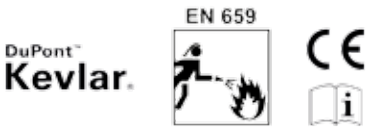


PALM
BACK

LINING
MEMBRANE
CUFF

STANDARD
SIZES

Supple full-grain cowhide leather in black.
Full-grain cowhide leather in black with knuckle protection.
Elastic gather at the wrist.
KEVLAR® with polyester glass.
Waterproof and breathable.
Wide cuff of heat-resistant and impregnated special leather and a yellow reflective strip of 3M Scotchlite™. Ring and carabiner hook.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12 (13)



ABRIEBFESTIGKEIT ● ● ● ○
SCHNITTFESTIGKEIT ● ● ● ● ●
WEITERREISSFESTIGKEIT ● ● ● ○
DURCHSTICHFESTIGKEIT ● ● ● ○
FINGERFERTIGKEIT ● ● ● ● ○

SUPER-SOFT S

700022



PALM
BACK

LINING
MEMBRANE
CUFF
STANDARD
SIZES

Supple full-grain cowhide leather in black.
Full-grain cowhide leather in black with red knuckle protection.
Elastic gather at the wrist.
KEVLAR® with polyester glass.
Waterproof and breathable.
Woven cuff of black KEVLAR®.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12 (13)



ABRIEBFESTIGKEIT ● ● ● ○
SCHNITTFESTIGKEIT ● ● ● ○ ○
WEITERREISSFESTIGKEIT ● ● ● ●
DURCHSTICHFESTIGKEIT ● ● ● ○
FINGERFERTIGKEIT ● ● ● ● ○

FIRE-WORKER

700050



PALM
BACK

LINING
MEMBRANE
CUFF

STANDARD
SIZES

Heat-resistant, impregnated special leather in black.
Heat-resistant, impregnated special leather in black with knuckle protection.
Elastic gather at the wrist.
KEVLAR® with polyester glass.
Waterproof and breathable.
Wide cuff of heat-resistant and impregnated special leather and a yellow-silver reflective strip of 3M Scotchlite™. Ring and carabiner hook.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12



ABRIEBFESTIGKEIT ● ● ● ●
SCHNITTFESTIGKEIT ● ● ● ● ○
WEITERREISSFESTIGKEIT ● ● ● ●
DURCHSTICHFESTIGKEIT ● ● ● ●
FINGERFERTIGKEIT ● ● ● ● ●

FIRE-WORKER S

700051



PALM
BACK

LINING
MEMBRANE
CUFF
STANDARD
SIZES

Heat-resistant, impregnated special leather in black.
Heat-resistant, impregnated special leather in black with knuckle protection.
Elastic gather at the wrist.
KEVLAR® with polyester glass.
Waterproof and breathable.
Woven cuff of black KEVLAR®.
EN 659:2003 + A1:2008 + AC:2009
06 07 08 09 10 11 12



ABRIEBFESTIGKEIT ● ● ● ●
SCHNITTFESTIGKEIT ● ● ● ● ○
WEITERREISSFESTIGKEIT ● ● ● ●
DURCHSTICHFESTIGKEIT ● ● ● ●
FINGERFERTIGKEIT ● ● ● ● ●

ONE-4-ALL

800210



PALM

BACK

LINING

MEMBRANE

CUFF

STANDARD

SIZES

Heat-resistant split leather of KEVLAR®.

KEVLAR® and NOMEX® in a 2-layer construction on the back of the glove.

Knuckles and fingertips with split leather reinforcements.

KEVLAR® black.

2-layer membrane, waterproof and breathable.

Short KEVLAR® / NOMEX® cuff with hook-and-loop fastener for perfect fit.

EN 659:2003 + A1:2008 + AC:2009

06 07 08 09 10 11 12 (13)

DuPont™
Nomex

DuPont™
Kevlar



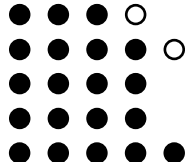
ABRASION RESISTANCE

CUT RESISTANCE

TEAR RESISTANCE

PUNCTURE RESISTANCE

FINGER DEXTERITY



"Regardless of whether
floods, technical
assistance or practice
drills, your gloves
perform as promised!"

JAN DOMSKI Dinslaken volunteer fire department, Fire Brigade 3



RESCUE

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. SEIZ rescue gloves 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.

THINK PINK

INTERVIEW WITH WOMAN FIREFIGHTER SANDRA KARLUß



About 450 women and approximately 20,000 men are professional firefighters in Germany. With a healthy self-confidence, technical and social competence and a great deal of humour, woman firefighter Sandra Karluss has gained acceptance in this world of men. During the design competition for the first SEIZ rescue glove for a women's hands, the Munich resident came up with the concept for the "Keep Cool" model. The daring design was very well received and took first place.

How long have you been a woman firefighter? I started my career with the professional fire brigade in Essen in 2004. After nine years, I am now at the on-site fire brigade at the University of Munich, one of the few state fire brigades in Germany.

What are your responsibilities at the on-site fire brigade? I serve at the middle level of the firefighting service as a rescue assistant on a rescue vehicle, work all machinist positions in the entire fire brigade as well as on the firefighting crew.

A wide range of activities. Is that what makes your profession exciting? Absolutely. No day is like any other and you never know what surprises the shift will bring. In addition, firefighting is teamwork – and that is always exciting.

Above all, teamwork with male colleagues. What are some of the possible difficulties a woman must confront in firefighting? One the one hand, there are prejudices that make it difficult for some woman colleagues to be accepted fully. On the other, there is a lack of appropriate protective clothing for women in fire brigades.

"WOMEN FIREFIGHTERS ARE A BENEFICIAL ADDITION TO THE MALE-DOMINATED WORLD OF FIREFIGHTERS."



What are some of the prejudices? There is occasionally the claim that a tall colleague who loses consciousness while fighting a fire cannot be rescued by a smaller woman. A claim that is totally unfounded, since with certain rescue techniques it is also possible for smaller individuals to move a larger body.

You mentioned professional clothing. Where are the shortcomings and weaknesses? Women have a different anatomy than their male colleagues for whom the clothing is designed. No one wishes to wear clothing that hinders, pinches, is too large or restrictive. A short anecdote that will make you smile: I personally had the problem that occasionally the wireless radio would fall out of the breast pocket while responding to an emergency since there was no more room there. Depending on the location, losing the wireless radio is not quite without hazard.

What would be desirable in this regard? A women's collection with suitable jackets and pants would be desirable. A few manufacturers offer women's models and these fit very well. The narrow-cut SEIZ gloves for technical assistance are also invaluable.

Can you describe why? Frequently, first responders encounter situations with no visibility, for instance, because of smoke. In this case, we must rely entirely on the sense of touch – impossible with a poorly fitting glove. Similarly, grasping, working, holding or securing while wearing overly large gloves is difficult and dangerous.

You are the winner of our design competition for the first woman's glove. What was your idea for the "Keep Cool" model? The idea was to find an appearance that was feminine at first "glance" and would immediately be associated with women. That led me to the eye and the colour pink.

Aren't "pink" and "woman firefighter" a contradiction? Not that all. Pink is red mixed with blue and that is actually quite appropriate. Women firefighters are a beneficial addition to the male-dominated world of firefighters. We add some colour, and that colour can be pink.

What do your male and female colleagues say about the "Keep Cool" TH glove? All are enthusiastic about it. The gloves fit perfectly, meet all requirements and look great. I have a few colleagues who would like to have this glove and asked whether it is available in size 12. Yes, but only for girls ...

Thank you for speaking openly and good luck with your professional career.



EXTRICATION

800245



- PALM
- BACK
- LINING
- MEMBRANE
- CUFF
- STANDARD
- SIZES

Palm of wear-resistant, reverse full-grain cowhide leather in grey.
Leather reinforcements on the inside and in the thumb region.
100% nylon with knuckle protectors.
100% KEVLAR®.
Waterproof and breathable.
A hook-and-loop fastener on the cuff seals the glove, protecting the hand and preventing entry of splinters and dirt. Pull-on aid with punched hole for fastening the glove to a carabiner hook.
EN 388:2003
07 08 09 10 11 12



ABRASION RESISTANCE	● ● ● ●
CUT RESISTANCE	● ● ● ○ ○
TEAR RESISTANCE	● ● ● ●
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●

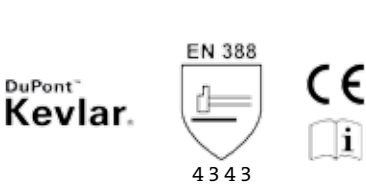
KEEP COOL

800245-COOL



- PALM
- BACK
- LINING
- CUFF
- STANDARD
- SIZES

Palm of wear-resistant, reverse full-grain cowhide leather in grey.
Leather reinforcements on the inside and in the thumb region.
100% nylon with the knuckle protectors on the fingers.
100% KEVLAR®.
A hook-and-loop fastener on the cuff seals the glove, protecting the hand and preventing entry of splinters and dirt. Pull-on aid with punched hole for fastening the glove to a carabiner hook.
EN 388:2003
05 06 07 08 09



ABRASION RESISTANCE	● ● ● ●
CUT RESISTANCE	● ● ● ○ ○
TEAR RESISTANCE	● ● ● ●
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●

SUPPORTER

800100



- PALM
- BACK
- LINING
- CUFF
- STANDARD
- SIZES

Black blended fabric of elastane and polyamide with reinforcements of special fabric enhanced with KEVLAR®.
Signal-yellow blended fabric of elastane and polyamide.
Impact protectors over the finger knuckles and back of the hand.
KEVLAR® fiberglass.
With elastic gather to protect against glass splinters and dirt.
EN 388:2003
(05) 06 07 08 09 10 11 12 (13)



ABRASION RESISTANCE	● ● ● ●
CUT RESISTANCE	● ● ● ● ●
TEAR RESISTANCE	● ● ● ● ●
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●

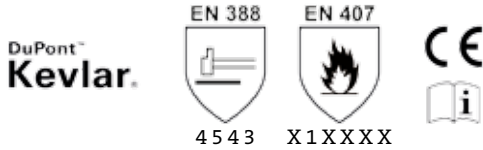
RESCUE

800115



- PALM
- BACK
- LINING
- CUFF
- STANDARD
- SIZES

KEVLAR® with silicone coating and reinforcements of Amara leather.
Contact heat up to 100° C.
Nylon in yellow with knuckle protectors of Amara leather.
KEVLAR® with fiberglass.
Long cuff with elastic gather and hook-and-loop fastener at the wrist.
EN 388:2003, EN 407:2004
06 07 08 09 10 11 12 (13)



ABRASION RESISTANCE	● ● ● ●
CUT RESISTANCE	● ● ● ● ●
TEAR RESISTANCE	● ● ● ● ●
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ○

X-RESCUE

800113



PALM

KEVLAR® with silicone coating and silicone print for increased grip.

BACK

Black Amara leather and nylon. Knuckle protectors of carbon fibre.

LINING

KEVLAR® with fiberglass.

CUFF

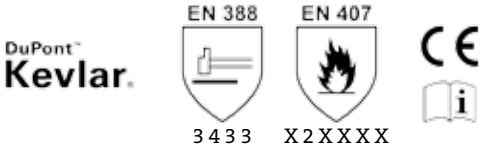
With elastic gather to protect against glass splinters and dirt.

STANDARD

EN 388:2003

SIZES

06 07 08 09 10 11 12 (13)



ABRASION RESISTANCE	● ● ● ○
CUT RESISTANCE	● ● ● ● ○
TEAR RESISTANCE	● ● ● ○
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●

HORNET

800260



PALM

Seamless knit cut protection glove made from high-performance yarn with a nitrile dip coating for secure grip. The fingertips can be trimmed as necessary and adjusted to your personal needs. The dip coating prevents the seams from opening.

BACK

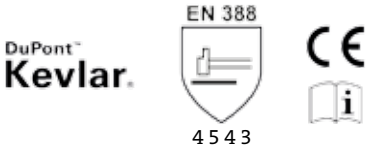
High-performance yarn with additional finger and knuckle protectors.

STANDARD

EN 388:2003

SIZES

07 08 09 10 11 12



ABRASION RESISTANCE	● ● ● ●
CUT RESISTANCE	● ● ● ● ●
TEAR RESISTANCE	● ● ● ●
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●

GRIPPER HR

200250, 200250-BND



PALM

100% KEVLAR® with steel wire (INOX). Palm and fingertips with tacky and water repellent dip coating. Contact heat up to 100° C.

BACK

100% KEVLAR® with steel wire (INOX).

VARIANT

Special order, article 200250-BND:



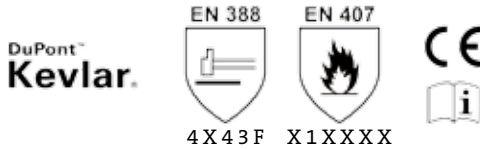
Cuff folded in and with additional strap for attaching the glove to the service jacket.

EN 388:2016, EN 407:2004

06 07 08 09 10 11 12

STANDARD
SIZES

ABRASION RESISTANCE	● ● ● ●
CUT RESISTANCE	● ● ● ● ●
TEAR RESISTANCE	● ● ● ●
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●



MECHANIC

800185



PALM

Rugged split leather in grey. Reinforcement between index finger and thumb.

BACK

Signal-yellow nylon and black knuckle protection of neoprene.

LINING

Nylon fleece

STANDARD

EN 388:2016

SIZES

06 07 08 09 10 11 12 13



ABRASION RESISTANCE	● ● ● ○
CUT RESISTANCE	● ● ● ● ○
TEAR RESISTANCE	● ● ● ○
PUNCTURE RESISTANCE	● ● ● ○
FINGER DEXTERITY	● ● ● ● ●

DIPTEX CHEM 552

400552



DESCRIPTION

Cut-resistant liner (18 gauge) that is extremely comfortable to wear, with triple nitrile coating 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.

STANDARD

EN 388:2003, EN 374:2003

SIZES

Test chemicals: J | n-heptane, K | Sodium hydroxide, 40%, L | Sulphuric acid, 96%
08 09 10 11



ABRASION RESISTANCE



CUT RESISTANCE



TEAR RESISTANCE



PUNCTURE RESISTANCE



FINGER DEXTERITY



**"The best clothing,
the newest helmet and the
most modern boots are
useless when responding to
a emergency without
reliable hand protection.
The protective gear is only
as good as the weakest link.
There can be no compromises
anywhere in the matter of
personal protective gear."**

ENRIQUE LANZ SEIZ Sales Manager



YOUNG FIREFIGHTERS

To be a young firefighter is probably the most wonderful interest a young person can have.

What 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



PALM
BACK

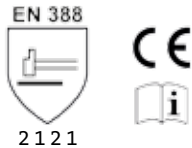
Black Amara leather with reinforcement.
Black Amara leather with grey knuckle protection over the back of the hand and the fingers.
Soft acrylic lining.
To hook-and-loop fasteners for perfect fit, pulse protection at the wrist.
With yellow-silver-yellow reflective strip on the back and a system of ring and hook for attaching the glove to the service jacket.
With elastic gather to protect against glass splinters and dirt.

LINING
CUFF

STANDARD
SIZES

EN 388:2003
03 04 05 06 07 08 09 10

ABRASION RESISTANCE	●	●	○	○	
CUT RESISTANCE	●	○	○	○	○
TEAR RESISTANCE	●	●	○	○	
PUNCTURE RESISTANCE	●	○	○	○	
FINGER DEXTERITY	●	●	●	●	●



COMPANION

800169-COM



PALM
BACK

Facing of soft Amara leather in the palm with silicon mesh for improved grip.
Made from blue and orange-coloured nylon with pleasant, soft acrylic lining, reflective finger inserts and sublimation-printed "YOUNG FIREFIGHTER" on neoprene.

LINING
CUFF

STANDARD
SIZES

EN 388:2003
02 04 06 08 10 12

ABRASION RESISTANCE	●	●	●	○	
CUT RESISTANCE	●	●	○	○	○
TEAR RESISTANCE	●	●	●	○	
PUNCTURE RESISTANCE	●	●	○	○	
FINGER DEXTERITY	●	●	●	●	●



YOUNG FIREFIGHTER

800167



PALM
BACK

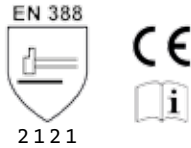
Precisely fitting protective glove, facing of soft Amara leather for secure grip.
100% nylon with knuckle protection of Amara leather and "SEIZ" and "fw-jugend" printed lettering.
Soft acrylic lining.
Knit cuff with ring and hook attached to the side.

LINING
CUFF

STANDARD
SIZES

EN 388:2003
04 06 08 10

ABRASION RESISTANCE	●	●	○	○	
CUT RESISTANCE	●	○	○	○	○
TEAR RESISTANCE	●	●	○	○	
PUNCTURE RESISTANCE	●	○	○	○	
FINGER DEXTERITY	●	●	●	●	●





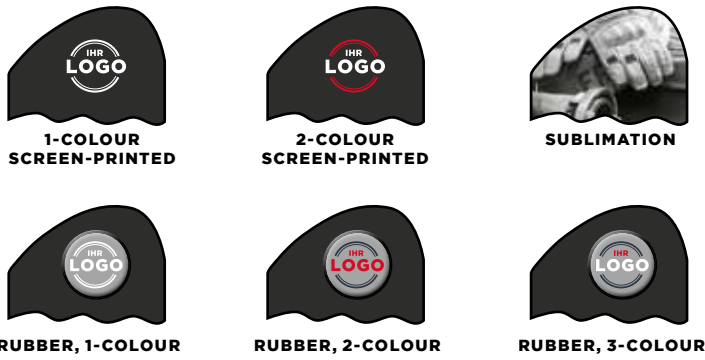
CUSTOM GLOVES

Ten fingers – a million possibilities. By having its own custom 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 with one another. 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.

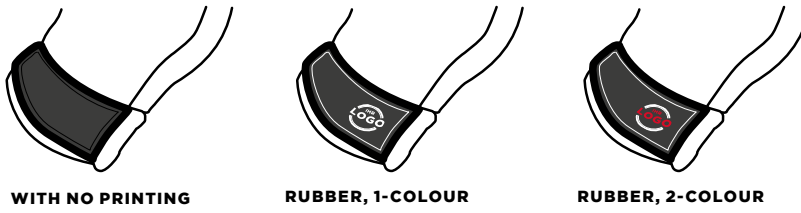
GLOVE CONFIGURATION

YOU YOURSELF ARE THE BEST DESIGNER. WE WILL BE GLAD TO ADVISE YOU!

YOUR THEME



HOOK AND LOOP FASTENERS



DIPPED GLOVES



Today, 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.



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!



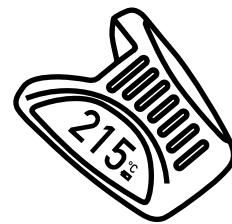
EQUIPMENT

Something more: The assortment of products from SEIZ extends beyond gloves.

SEIZ equipment includes what is useful as well as original and is select in any case.

The right accessory can simplify many tasks and situations. The person who prepares appropriately is farsighted – the one who thinks of what situation can arise. Individuals with a sense of curiosity and a cool rational approach will appreciate what is on the following pages, whether small refinement or major innovation. Equipment for new as well as recurring challenges, just right for a special glove.

SEIZ LASERTEMP AND TACTICAL GLOVES TESTED UNDER EXTREME CONDITIONS



Washington (USA), eastern crater on Mount Rainier, 4,400 meters above sea level. Hawaii (USA), Kilauea on the Big Island, one of the most active volcanoes in the world. These are exceptional situations requiring firefighter gloves, including equipment. The prototype of the SEIZ Fire-Fighter Function, the Fire-Fighter Premium and the electronic unit in the SEIZ Lasertemp were carried and tested under extreme conditions by the German climatologist and scientist Prof. Dr. Andreas Pflitsch during his expeditions.

**"IT WAS A GREAT
PLEASURE TO WEAR
THE GLOVES.
THEY WERE RUGGED
WITHOUT BEING
TOO STIFF."**

the climatological research. This is where the SEIZ Lasertemp temperature measuring device was used for the first time. With it affixed securely to the back of the glove, the scientist was able to pursue his activities unhindered. The new products withstood the extreme wind and cold even outside and functioned perfectly. "It was a great pleasure to wear the gloves. They were rugged without being stiff.", stated Andreas Pflitsch about the SEIZ Fire-Fighter Premium, "The protection on the rocky slope was very good." Even when the gloves were wet, his fingers hardly became cold, reported the climatologist after the excursion.

Kilauea on the Big Island.

The innovations were to be tested once again from a scientific perspective. During his research trip into a lava cave on Hawaii, the researcher did not want to



dispense with the firefighter gloves and temperature measuring device. "I see their use during my research on the most active volcano in the world, Kilauea on Hawaii, in particular as very promising. The sensor attached to the glove made it possible for the first time to collect temperature information while climbing freely." The scientist was accompanied by his research team as well as a television crew and additional representatives

of the media. The technical innovation could help to reduce the risks to cities in the region around a volcano. The SEIZ Lasertemp device was developed to provide advance warning of dangerous zones when fighting fires in buildings. The idea: As the firefighting crew is approaching a closed door in a burning building, it can measure the temperature before entering the room. If there is a risk of flameover upon opening the door, a red LED provides a warning.



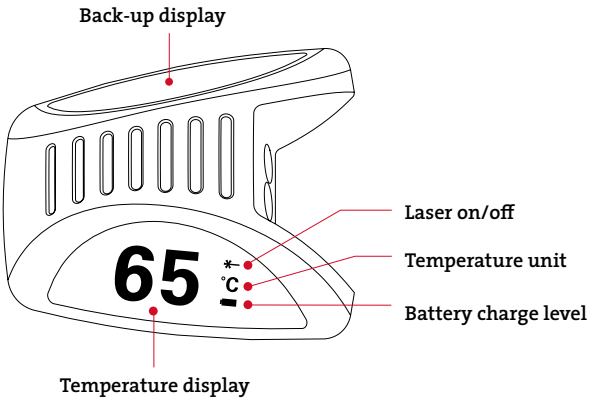
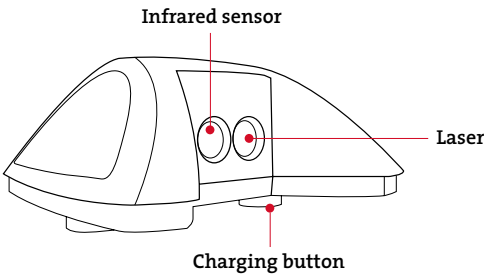
LASERTEMP
LASERTEMP



LASER RANGE
LASER CLASS
TEMPERATURES
DISTANCE
DISPLAY
BATTERY
HOUSING
CHARGING
APPLICATION
NOTE

approx. 30 m
2 (office / presentation laser)
Switching of the backlight at 60°C from green to red. Flashing red at temperatures above 370°C. Measurement range up to 380 °C.
Max. 30 cm to object.
OLED (good contrast, white on black)
3.7 V lithium polymer battery with 500 mA output
Polycarbonate V0 (fire-retardant), hermetically sealed (explosion-proof) Operated by push-buttons in the provided charger.
Micro-USB (mobile phone charging cable)
The SEIZ® LASERTEMP is fastened to the left hand with a snap band and activated with a shaking movement. It is then active for 1 minute.
The SEIZ® LASERTEMP can be used with all SEIZ® activity gloves.

SKETCH



FIRE-HOOD
5309156



DESCRIPTION
COLOUR
STANDARD
SIZES

Head protection hood of 100% NOMEX® with folding mouth guard and extended neck protection. Two layers. Flat seams with decorative stitch to prevent pressure points. Interlock version.
Dark blue.
EN 13911:2004, EN 340:2003
uni



SNAPPER
900340-black, 900340-red, 900340-yellow, 900340-glow



DESCRIPTION
COLOURS

Glove holder operable with one hand for carrying protective gloves.
The SNAPPER can be attached to the protective clothing either by means of a belt clip or the provided carabiner hook.
Black, red, yellow or glow (luminescent).

MESH WASHING BAG
300200



DESCRIPTION
DIMENSIONS

Mesh washing bag of polyamide in blue with zipper fastener, carrying strap and name tag.
approx. 38 x 20 x 3 cm.



WINTER SPORTS

In the area of gloves for winter sports not much has changed in recent years.

Old-fashioned cuts, commonplace designs and very thick materials that restricted movement – winter sports enthusiasts had to make do with gloves that were uncomfortable to wear and offered little functionality. At the same time, development of protective gloves for firefighters and first responders as well as for the trades and industry advanced rapidly. Why not transfer this know-how and the latest technology to the area of winter sports, which has so much potential?

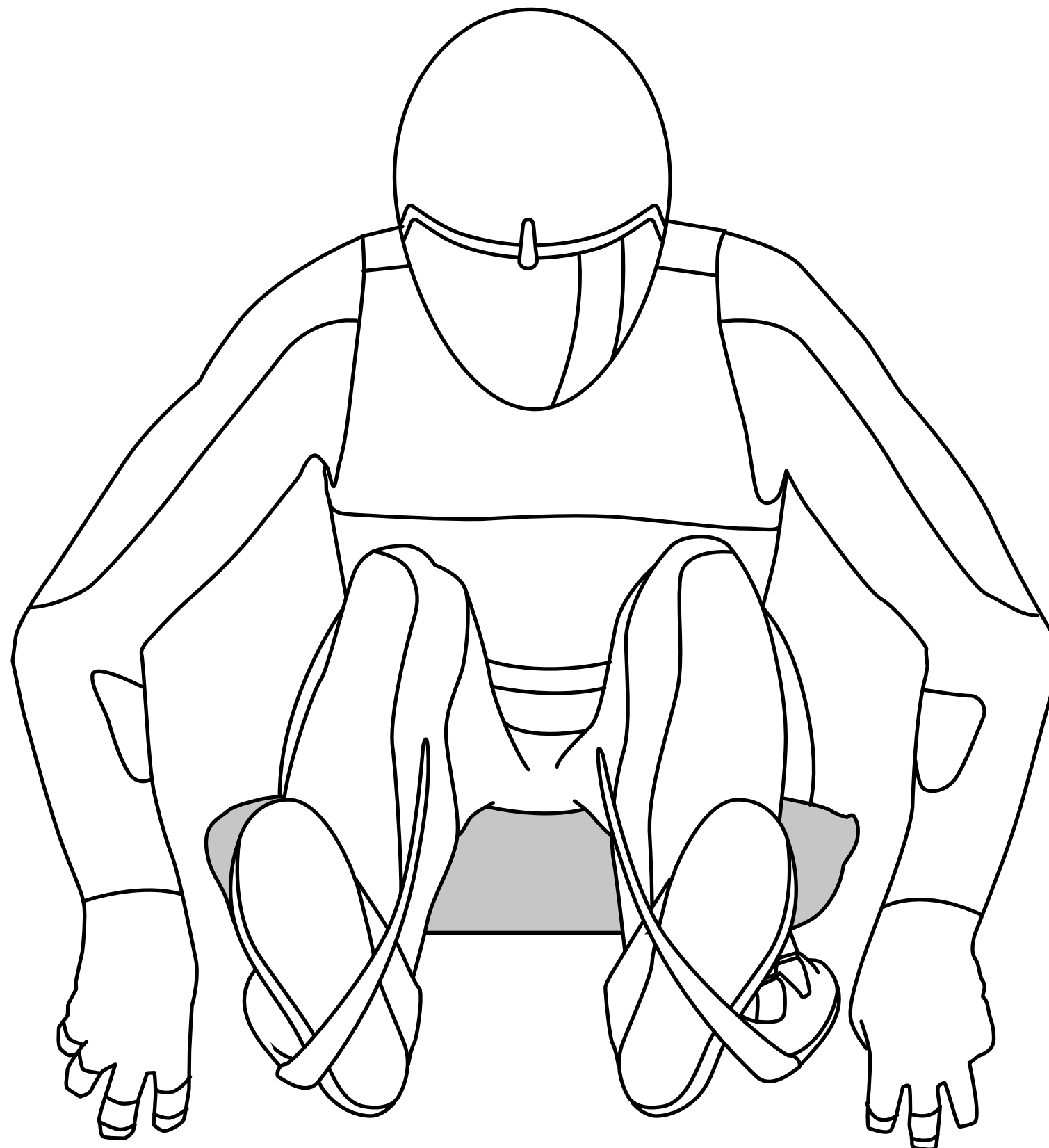
PROFESSIONAL WINTER SPORTS GLOVES

TECHNOLOGY AND INNOVATION IN THE FIELD OF SPORTS

On a luge, a delicate, close-fitting glove with spikes on the fingertips is used. Although this sports glove has served its purpose successfully for many years and has surely contributed decisively to winning many winter sport medals, there is still considerable potential for improvement in terms of its technical characteristics. The following figure describes the innovative advancement from SEIZ.

IMPLEMENTATION

Attaching a non-elastic application – from the fingertip to the wrist – makes it possible to distribute transmission of force more uniformly, while retaining full mobility and increasing stability even further.



FINE GOATSKIN LEATHER

A close-fitting shape and fine materials ensure maximum tactility.

METAL SPIKES

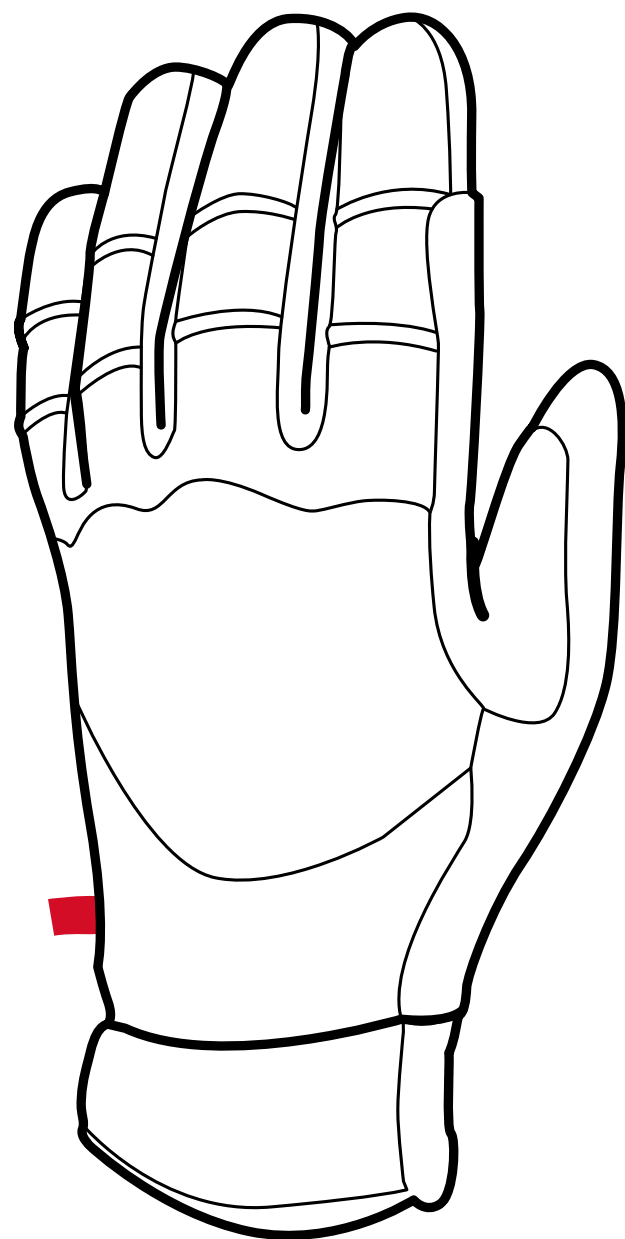
When starting, the athletes use the metal spikes attached to the fingertips to get up to speed using paddle strokes. All pressure is applied to the fingertips at this time. This is ultimately decisive for the starting time.

FUNCTIONAL INSERT

A non-elastic insert, from the fingertips, over the surface of the hand to the wrist, provides better transmission of force.

SECURED WRIST BAND

In the pulse region of the hand, the non-elastic application merges with a wrist band to which the insert is fastened and which is secured firmly around the athlete's wrist.



MORE THAN JUST A RED PAGE

YOU RECOGNISE ORIGINAL TACTICAL GLOVES FROM SEIZ BY THE RED LABEL
ON THE CUFF.

USAGE INFORMATION

WORTH KNOWING ABOUT YOUR HAND PROTECTION

By purchasing our gloves, you have decided to buy a product with first-class protection capabilities. Selected materials and meticulous workmanship ensure a long service life, safe protection and greatest comfort when worn. We would like to mention a few points that must be observed in connection with the product-specific details on the label.

GENERAL NOTE

Before using the gloves, please check whether they correspond to the risks that your activity involves. In many fields of activity, the deployment of different models that ideally meet the respective requirements is advisable.

STANDARD

CATEGORY I – LOW RISK

This category includes protective gloves, for which it can be assumed that the user himself can assess the effectiveness against low risks and can be aware of this in good time without any risk. Examples: Gloves for gardening work, protective gloves for weak cleaning agents, protection against temperatures up to 50°C.

CATEGORY II – MEDIUM RISK


Category II includes all gloves that cannot be allocated to category I nor to category III. Protective gloves of this category mostly do not protect against chemical, bacteriological, electrostatic and thermal risks. Special protective properties can be found on the label and in the manufacturer's information. Examples: Cut-resistant gloves, THL gloves to EN 388.


CATEGORY III – HIGH RISK

Category III includes complex gloves that should protect against deadly hazards or serious and irreversible damage to health. It can be assumed that the user cannot be aware of the immediate effect of the hazard in good time. Examples: Firefighting gloves to EN 659, chemical protection gloves.



Gloves of category II and III are indicated by pictograms according to their intended purpose. The values of the performance levels can be found on the sewn-in label. We will not go into more detail here regarding the labelling of chemical protective gloves owing to the complexity.

Mechanical risks		
 EN 388 ABCDE	A	Abrasion resistance (0 - 4)
	B	Cut resistance (0 - 5)
	C	Tear resistance (0 - 4)
	D	Puncture resistance (0 - 4)
	E	Cut resistance to ISO 13997 (A - F)

Thermal risks		
 EN 407 FGHIJK	F	Burning behaviour
	G	Contact heat
	H	Convective heat
	I	Radiant heat
	J	Beadlets of sprayed molten metal
	K	Large quantities of molten metal



Pictogram for firefighting gloves

COMPONENTS

SEIZ protective gloves are made of high quality materials. They do not contain any substances that are known to cause allergies. Immersed protective gloves could contain components which may possibly cause skin irritations. In such cases, contact a doctor immediately.

STORAGE

Protective gloves must be stored in an area that is protected against intensive sunlight, dust, dirt and moisture. UV light in particular can cause discolorations of gloves with parts consisting of KEVLAR®. These do not have any negative impact on the effectiveness of the gloves, however. Storage near ozone sources or naked flames should be avoided. The usability of the protective gloves is not impaired by ageing. Any deviations from this are indicated accordingly.

HANDLING

To remove the gloves, hold them at the fingertips. When doing so, make sure that your hands do not come into contact with any impurities.

Protective gloves must be checked for damage before use. Damaged gloves or arm guards must be replaced. Heavily soiled gloves or gloves that have come into contact with aggressive agents must be cleaned or replaced. The liquid density is guaranteed provided that the membrane is undamaged.

CARE

Cleanable protective gloves are indicated with appropriate care pictograms on the label. Before the machine wash, close the Velcro fasteners and put the cleanable protective gloves into the washing bag. Do not use any softeners, stain removers, bleaching or oxidizing agents. Instead, use mild detergents for care, which are free of any listed, harmful substances. After washing, reach into the glove to restore its shape. We recommend that you hang up the gloves by their fingertips and let them dry in the air. Gloves must never be dried in a clothes dryer. Do not grease or impregnate gloves. (grease is flammable and also conducts the heat faster into the inside of the glove.)

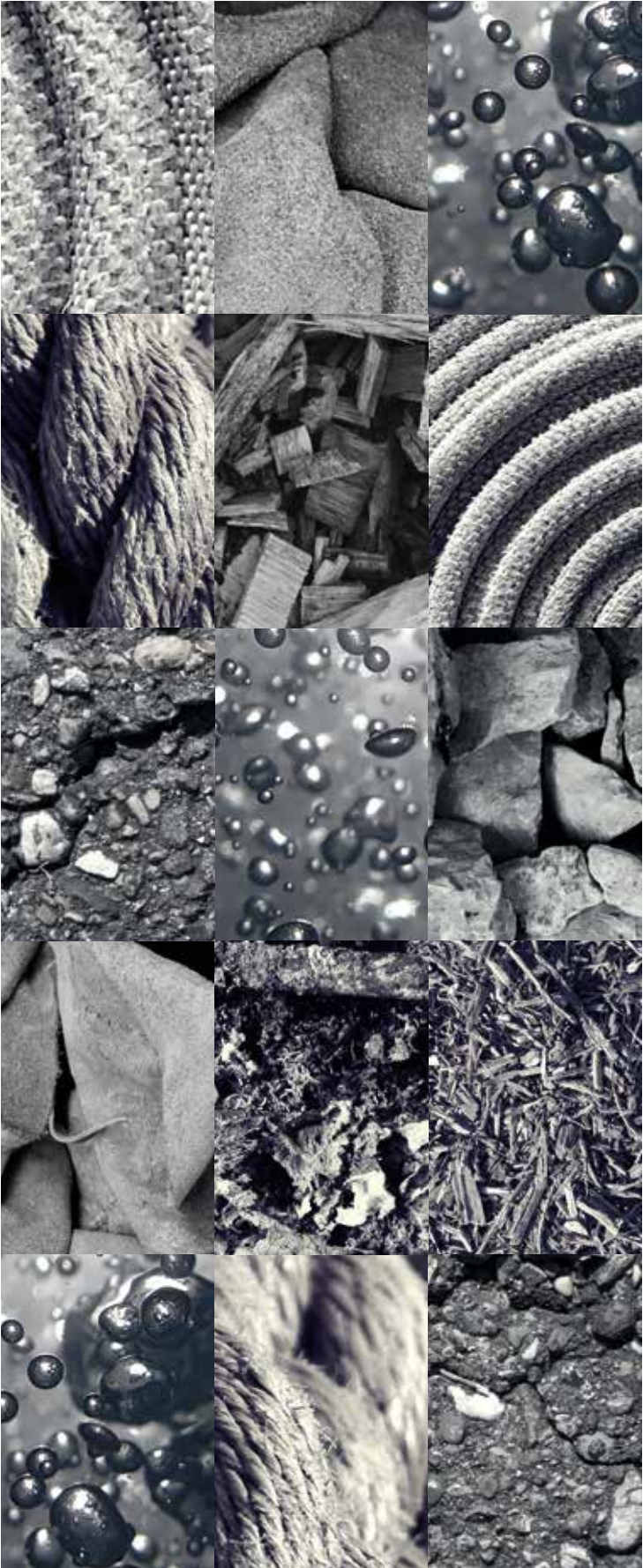
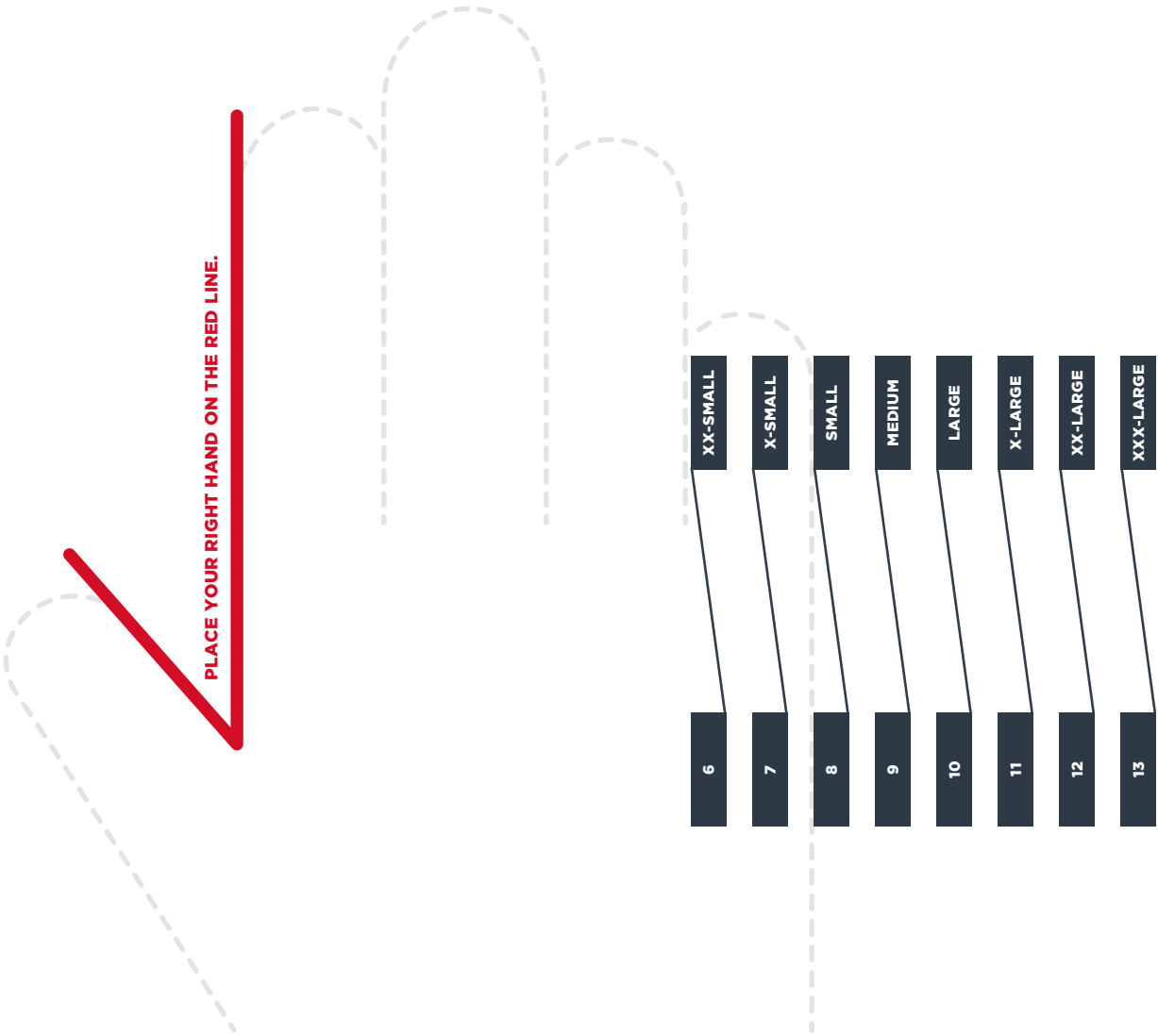
If no care pictogram is printed on the label, the protective gloves must be cleaned using a brush or damp cloth and soap solution.



CHECK YOUR SIZE

DETERMINE YOUR HAND SIZE

For gloves to fit perfectly and provide optimal safety, their 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.



DISCLAIMER

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