



RESEARCH & DEVELOPMENT

The operational areas and operations of the individual armies vary around the world and change over time. So do the climate zones and weather conditions. This makes the individual adaptation of operational gloves to the actual needs of the respective country and troops all the more important.

In order to always meet the requirements precisely, we at ESKA work in a solution-oriented manner and in close coordination with the respective client. We are the contact for the conception and development of military gloves according to country-specific and individual requirements.

OUR 3-STEP PLAN

0

EVALUATION

From the very beginning, personal contact with the client is what counts for us. Througha intensive exchange of experience and lively communication, optimization potentials can be identified and solutions can be developed in a targeted manner.

The individual requirements of the respective customer become the focus of the discussions. Emergency forces bear immense responsibility and must have a firm grip on every situation.

The demands on protection, functionality and tactility are enormous worldwide and yet so different.

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DEVELOPMENT

Now it's a matter of finding the right materials and cuts for the glove in question. For a combat glove, sensitivity, grip and protection are most important, while a cold-wetfinger glove is expected to provide warmth, wetness protection and robustness.

The requirements for raw materials and cut shapes are correspondingly different. Together with our innovative partners, we develop high-performance materials, individually adapted to the requirements of the respective customer.

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TESTING

Practical and field tests now lead us step by step to exactly the product that is really needed by the armed forces in the field. We evaluate each feedback together with the client.

Depending on the complexity of the task, it may well make sense to return to step 2 and then carry out further tests.

We leave nothing to chance and pay meticulous attention to every detail.

For every application. For every extreme situation. For every day. For every climate. Grip and Comfort.

UNCOMPROMISING PROTECTION SINCE 1912.

"High-quality, strictly tested European raw materials and our 112 years of know-how are the basis for the manufacture of our quality products. We focus on sustainability with long product life cycles.

These quality principles correspond exactly to our DNA."

Managing director in 4th family generation, Paul Herbert Loos



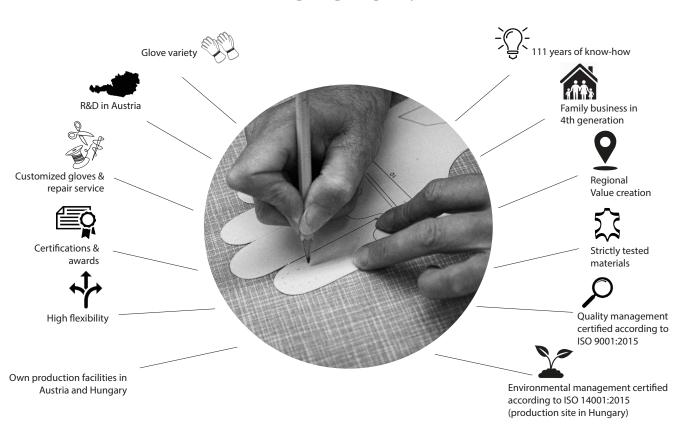
The protection of your hands has top priority for us and will never be left to chance. left to chance.

- Paul Herbert Loos -



OUR HANDWRITING

SINCE 1912.



ABOUT ESKA

Founded in 1912, we have been producing gloves exclusively for more than 110 years. Due to this long experience, we have become the absolute specialist with the highest technical knowhow in the production of gloves.

The company is already in its fourth generation as a family business. Paul Loos sen is a trained glove maker and master glove maker, his daughter Regina is also a trained glove maker and his son Paul jun is the managing director.

Our credo is to offer adequate and thus best possible protection to the most elementary and valuable of all executive instruments of the human mind - the hand.

Optimum tactility, fit and wearing comfort are just as unalterably part of the company standards as the use of specific and high-quality materials.

ESKA has been involved in the development of gloves for the military and police since the company was founded. From the very beginning we have been working intensively on highly technical developments.

We have the expert human resources, production resources and also external resources such as close cooperation and development partnerships with material suppliers to meet your requirements.

We also set new standards in this sector and drive developments with a high degree of innovation.

All gloves can be modified in cut technic, shape, material composition and design according to the individual customer requirements.



QUALITY FROM AUSTRIA

The company headquarters in Thalheim, Austria is the hub for administration and all logistics. In addition to a small series and sample production, the internal research and development department is also located in Wels.

All raw materials are delivered and checked in Thalheim before further processing. All products undergo strict quality controls. Quality management is certified according to ISO 9001:2015. To ensure safety-relevant factors, additional tests are carried out in independent, accredited laboratories.

Ongoing internal and external controls guarantee compliance with all standards and the perfection of all products. All our own production facilities and partner companies in Hungary

employ trained glove makers and specialized seamstresses throughout.

Our production in Hungary is certified according to ISO 9001:2015 quality commitment, ISO 14001:2015 environmental management and NATO quality standard AQAP 2120.

Through innovative working methods and expert knowledge, in combination with the world's best raw materials from renowned manufacturers, we produce gloves that are unique in the world market.

The goal is to find a perfect solution for every technical problem. In cooperation with our suppliers we are constantly searching for innovative materials to develop new, trend-setting gloves.



TRY IT, WEAR IT, (G)LOVE IT.

Customers on all six continents trust ESKA® to protect their hands under the toughest operating conditions. The close and long-standing cooperation with this worldwide network of professional customers is both an incentive and a challenge every day to jointly develop the best products in each case. It is not without reason that customers appreciate the flexibility, loyalty, innovative strength, reliability and premium quality of ESKA®.

REFERENCES

ALL AROUND THE GLOBE



Military	
Austrian Army:	Combat gloves, cold weather mitten-/
	glove combination, anti-riot gloves
Bundeswehr Germany:	KBS SK glove system: Glove combat,
	cold & wet weather protection mit-
	ten, cold & wet weather protection
	glove, contact glove; sniper glove
	system: sniper glove summer, sniper
	glove winter, arctic cold weather mit-
	ten-/glove combination for snipers;
	camouflage overmitten
French Army:	Combat gloves, cold-wet protection
	system: glove, overmitten, mitaine,
	underglove, technical
	mountain glove
Army Netherlands:	Anti-Riot gloves
Army Australia:	Combat gloves
Military Slovenia:	Camouflage cold-wet protection
	mitten
Norwegian Airforce:	Pilot gloves with/without Gore-Tex insert
Royal Air Force, GB:	Pilot gloves with Gore-Tex insert



Police

Police Austria:	Summer gloves, winter gloves, impact protection gloves, motorbike gloves
Police NRW Germany:	Flame and cut resistant gloves
Police Saxony Germany:	Flame and cut resistant gloves
Police & Gendarmerie France:	Anti-Riot gloves, windstopper gloves, winter gloves, pilot gloves, cut resis- tant gloves
Police Netherlands:	Anti-Riot protection gloves, riding gloves with impact protection, dogholder gloves
Others	
Austrian Federal Railways:	Ladies and men's winter gloves
Fire departments national & international:	Fire fighter gloves, technical rescue gloves
Sports trade national & international:	Winter gloves, outdoor gloves, cycling gloves, motorcycle gloves



THOR II

The tactical combat glove Thor offers highest protection thanks to high tech materials, leather reinforcements and protectors. Antibacterial cut resistance lining, grip digital leather, touchscreen technology and D3O knuckle protector make this glove to the best equipment for task forces.

MATERIALS



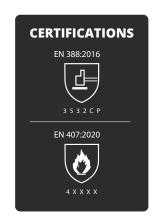
- · Interlock knitted fabric
- Kermel®, Lenzing ViscoseFR™
- · Hydrophobic treatment

Palm:

· Goat leather WR



· Cut resistant interlock knit with $Kevlar^{TM}$ and glass fibers



COLOR VARIATIONS



FEATURES

Index finger and thumb provide touch technology for unrestricted usage of touchscreens and smart devices

Tight ergonomic cut adapted to the natural position of the hand, with fabric gussets for superior fitting and dexterity



■ 032 Coyote

005 Black

Reinforced finger tips protect against abrasion

The entire palm is made of soft goatskin WR for excellent grip and tactile sensation

Reinforcement made of non-slip digital leather

Memory foam patch covered with coated aramid knit for extra handball protection

Donning aid and pulse protector



D3O * Knuckle protector for optimum impact and shock protection

Anti-loose leash (not pictured) for a secure hold on the hand.

Short and tight cuff, belt with welcro for width adjustment

CARE INSTRUCTIONS



SIZES

level 4)



















TITAN

The TITAN tactile combat glove offers maximum protection thanks to high-tech materials, leather reinforcements and protectors. The combination of features, including cut protection lining in the palm and backhand, Grip digital leather in the palm for optimum grip, a D30 knuckle protector and touch-functionality on all fingers and the thumb ensure ideal protection and flexibility.

MATERIALS



Backhand:

- · Interlock knitted fabric
- Kermel®, Lenzing ViscoseFR™
- · Hydrophobic treatment
- · Cut resistant interlock knit with Kevlar[™] and glass fibers



Palm:

 Goat leather WR with touch function



Lining:

· Cut resistant interlock knit with Kevlar[™] and glass fibers



FEATURES

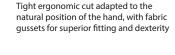
The full palm is made of soft touch goat leather WR for an excellent grip and unrestricted use of smart devices and



Reinforcement made of grip digital leather

Patch made of memory foam covered by coated aramide knitting as additional protection for the handball

Donning aid and pulse protection, equipped with a hole to be able to put a carabiner through





Fingertip reinforcement for additional protection against abrasion

Finger knuckle protection for additional safety and flexibility

D30 ® Knuckle protector for optimum impact and shock protection

Short and tight cuff, belt with hook and loop closure system for width regulation system

CARE INSTRUCTIONS









SIZES





























THOR I AUS

The tactical combat glove Thor offers highest protection thanks to high tech materials, leather reinforcements and protectors. Antibacterial cut resistance lining, grip digital leather, touchscreen technology and memory protector make this glove to the best equipment for task forces.

MATERIALS



Backhand:

- · Interlock knitted fabric
- Nomex[™], Kevlar[™]
- · Antistatic fibers
- · Hydophobile treatment



Palm:

- · Goat leather WR
- · Thumb, forefinger and middlefinger are made of conductive touch leather



Cut resistant interlock knit with Kevlar™ and glass fibers

Tight ergonomic cut adapted to the







The entire palm is made of soft goatskin WR for excellent grip and tactile sensation

Reinforcement made of non-slip digital leather

Memory foam patch covered with coated aramid knit for extra handball protection

Donning aid and pulse protector equipped with a hole to put a carabiner through it



Reinforced finger tips protect against abrasion

> D30 knuckle protector for optimum impact and shock protection

Anti-loose leash (not pictured) for a secure hold on the hand.

Short and tight cuff, belt with welcro for width adjustment

CARE INSTRUCTIONS





SIZES



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12











VIDAR

The robust combat glove Vidar offers shock-absorbing protectors and highest cut resistance according to EN 388. The tactical glove is an absolutely safety package due to the tactical trigger finger, additional finger protectors and touchscreen technology.

MATERIALS



- Interlock knitted fabric
- Nomex[™], Kevlar[™]
- · Hydrophobic treatment



Palm:

· Goat leather WR



Lining:

• Cut resistant interlock knit with $Kevlar^{TM}$ and glass fibers





CARE INSTRUCTIONS











































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ODYN

The extremely robust tactical glove Odyn with wide impact protector offers maximum protection. Water-repellent high tech leather and silicone/carbon coating are used. Certified with highest cut and flame resistance. Great suitable for crowd controls.

MATERIALS



- · Calf leather WR
- · Flame retardent



Palm:

- · Calf leather WR
- · Flame retardent



 Cut resistant interlock knit with Kevlar[™] and glass fibers



FEATURES

Fingers palmside are made of grip digital leather for extra grip

Tight ergonomic cut adapted to the natural position of the hand, with gussets for superior fitting and dexterity.





Flexible finger protectors with foam layers covered with abrasion resistant leather

Flexible backhand

protection made of FR memory foam ISO 13594 impact protection certified covered with abrasion resistant coated aramide knitting

Belt with hook and loop closure system for width regulation

The entire backhand and main part of the palm is made of soft and flame retardent calf leather WR for excellent all around protection against thermal and mechanical risks

Reinforcement is made of soft and flame retardent calf leather





TECHNOLOGIES









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APOLLON

The tactical glove Apollon has been developed for unrestricted handling of weapons and offers maximum dexterity. Apollon is an extremely durable tactical glove with a shock absorbing protector on the backhand.

MATERIALS



- Interlock knitted fabric
- NomexTM, KevlarTM



Palm:

· Goat leather WR



Lining:

Unlined



CARE INSTRUCTIONS















SIZES



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VADER

A highly optimized combination of precision and protection – that's what the Vader tactical glove offers. The combination of the silicone print on the palm, the flexible protector and the newly developed cut makes the Vader an excellent all-rounder.

MATERIALS



Backhand:



· Anti-cut lining made of paraaramide, polyester and glass

Soft touch amara to ensure un-



Palm:

- Soft touch Amara
- · Conductive for the unrestricted use of touch devices



COLOR VARIATIONS





005 Black ■ 016 Green ■032 Coyote

FEATURES

Lining:

fibers



Moving wrinkle on the index finger for more flexible movement of the trigger finger

Fingertip reinforcement for additional protection against abrasion

Flexible and ergonomic back-hand protector

ISO 13594 impact protection certified (Impact protection EN388:2016 passed - P)

Tight cuff with belt for excellent hold and width regulation

Palm made of conductive amara

Pulse protection palmside with anti-cut lining inside the cuff

CARE INSTRUCTIONS



Eyelet for the pairing

of gloves and fixation

on garments with

carabiner



SIZES





















SPARTACUS

The Spartacus is a lightweight unlined combat glove with a soft-touch Amara palm to ensure unrestricted use of smart devices and touch displays with all fingers. The Spartacus is certified according to EN 388:2016.

MATERIALS



- Knitted Interlock fabric
- 100% aramide
- · Flame-retardent burning behavior level 4 (according to ISO 15025)



Palm:

- · Soft touch Amara
- · Conductive for the unrestricted use of touch devices



COLOR VARIATIONS

005 Black ■ 016 Green ■032 Coyote

Lining:

Unlined

FEATURES

fitting and dexterity

eyelet for fixation of the glove with a carabiner



CARE INSTRUCTIONS



SIZES







ARKTIS

Combined strength and heat for professional snipers and military forces. The mittens/ glove Arktis consists of high tech materials and antibacterial lining. The tactile inner glove has a GORE-TEX insert and is waterproof. The glove ensures highest dexterity and weapon handling.

MATERIALS OUTER MITTEN (SHELL)



Backhand | Cuff:

- Flame resistant woven fabric
- Lenzing Viskose FR *, Kermel[™], antistatic fibers
- · Water and oil repellent



Palm:

- Kevlar[™] with silicone carbone coating
- · Abrasion resistant, water and oil repellent



Lamination:

- PU membrane
- · Flame retardent



Insulation:

• Felt made of aramide fibers

FEATURES OUTER MITTEN (SHELL)





CARE INSTRUCTIONS

















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TECHNOLOGIES OUTER MITTEN (SHELL)



























ARKTIS

MATERIALS INNER GLOVE



Backhand | Cuff:

- · Interlock knitted fabric Nomex[™], Kevlar[™]
- · Hydrophobic treatment



Palm:

- · Grip digital goat leather
- Hydrophobic



· Knitted fabric made of polyester with silver fibers



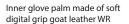
Cuff lining:

· Knitted fabric made of Thermobamboo, merino wool and silver fibers



- GORE-TEX®
- Based on ePTFE

FEATURES INNER GLOVE





Trigger finger with movement wrinkle for unrestricted use of weapons

Antibacterial, antistatic lining made with silver fibers



Durable, permanently water- and windproof & breathable insert

Irremovably fixed according the patented unique technic of ESKA, offering the best comfort and dexterity

Wide cuff to be worn over the jacket, easily and fast closed/opened with one hand thanks to the Nexus cordstopper system

Anti-loose leash (not pictured) for a secure hold on the hand

mitten cap

Cuff lining made of

mix to protecto the

artieries and there-

against the cold

fore the whole hand

merino/bamboo fiber

Glove stays connected to the wearer's hand

CARE INSTRUCTIONS













SIZES



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TECHNOLOGIES INNER GLOVE













7 8 9







IKARUS 3 PILOT

The innovative pilot glove Ikarus 3 has a flame-retardant Nomex®, Kevlar® knitted fabric on the backhand and a robust, but soft goat leather palm with touch technology. This makes it possible to handle unlimited with smart devices.

MATERIALS



· Interlock knitted fabric Nomex[™], Kevlar[™]



Palm:

• Goat leather WR conductive with touch function

Lining: (Only on 2943X/A Lined Version) · SK Ionix Grip with silver fibers



Insert (Only on 2943X/A Lined Version)

- · GORE-TEX® insert
- · based on ePTFE



COLOR VARIATIONS







ONLY 2943 X/A Lined Version:

Durable, permanently waterproof, windproof and breathable insert, irremovably fixed according the patented unique technic of ESKA offering the best comfort and dexterity

Backhand made of flame-retardent Nomex® Kevlar® knitted fabric

FEATURES



CARE INSTRUCTIONS





SIZES



















TECHNOLOGIES







ONLY ON 2943X LINED VERSION







IDZ - INFANTRY SOLDIER OF THE FUTURE SYSTEM

Developed for & supplied to the German Bundeswehr

CONTACT GLOVE IDZ

The tactile inner glove can combined with the cold-wet-protective mitten (5016). The glove consists of oil repellent special knitted fabric with IR-remission safety. It has robust leather reinforcements in the palm and in the index and middle finger area.

Part of the current German Armed Forces IDZ (infantry soldier of the future) glove system - developped and supplied by ESKA.

MATERIALS



Backhand

- Interlock knitted fabric
- Kevlar[™] and carbon black dyed polyamide for NIR properties
- Hydrobhobic treatment



Palm:

· Reinforcements made of hydrophobic goat leather



Unlined





CARE INSTRUCTIONS























TECHNOLOGIES



TROOP MITTEN IDZ

The cold-wet-protective mitten is specifically developed for the infantry soldier of the future project and protects against wind and water due to GORE-TEX insert. The PrimaLoft® Insulation keeps the wearer warm and the groove grip Kevlar® ensures a slip-resistant grip.

Part of the current German Armed Forces IDZ (infantry soldier of the future) glove system - developped and supplied by ESKA.

MATERIALS



Backhand | cuff:

- Flame resistant woven fabric
- · Lenzing Viskose FR®, Kermel®, antistatic fibers
- · Water and oil repellent



Palm:

- Kevlar® with silicone carbone coating
- · Abrasion resistant, water and oil repellent



 NomexTM, Lenzing Viskose FR ®



Insulation:

• Primaloft®



Insert:

- GORE-TEX® insert
- · based on ePTFE



CARE INSTRUCTIONS

































TROOP GLOVE IDZ

The tactical glove is specifically developed for troop deployments at cold and wet conditions. Due to the GORE-TEX insert the glove is wind and waterproof. The troop glove consists of fire resistant woven fabric and spun-dyed Kevlar® knitted fabric. All used materials are flame retardant (EN 407).

Part of the current German Armed Forces IDZ (infantry soldier of the future) glove system - developped and supplied by ESKA.

MATERIALS



Backhand | cuff:

- Flame resistant woven fabric
- · Lenzing Viskose FR®, Kermel®, antistatic fibers
- · Water and oil repellent



Palm:

- Kevlar® with silicone carbone coating
- · Abrasion resistant, water and oil repellent







Insulation

• Aramide felt



⅓ Insert

- GORE-TEX® insert
- · based on ePTFE

Fragmomic cut adapted to the natural position of the hand for superior fitting and dexterity.



Flexible FR belt with hook and loop for individual width regulation



Flexible protection of fingers and backhand against impact and abrasion made of coated FR material



Durable, permanently water- and windproof & breathable insert

Irremovably fixed according the patented unique technic of ESKA, offering the best comfort and dexterity

Snowcuff to protect wearer against cold getting inside and secure the glove on the wearer's hand

Anti-loose leash (not pictured) for a secure hold on the hand. Gloves can be taken off/ on fastly and will stay at the wearer permanently.

CARE INSTRUCTIONS



retardent and oil-repellent shell fabric made of Kermel®/ ViscoseFR®



SIZES

8 81/2 9

































COMBAT GLOVE IDZ

The Combat glove is specifically developed for the future soldier programme and consists of flame retardant materials (EN407). The fire resistant carbon knuckle protector offers highest protection against impact and shock and the 4-fold elastic bands on the backhand provide ideal hold.

Part of the current German Armed Forces IDZ (infantry soldier of the future) glove system - developped and supplied by ESKA.

MATERIALS



Backhand | cuff:



Palm:



Lining:

- · Interlock knitted fabric · Goat leather WR
- Nomex[™], silk and carbon black dyed polyamide for NIR properties
- Hydrobhobic treatment

Nomex [™] grid on backhand



Donning aid made of goat leather

TECHNOLOGIES





CARE INSTRUCTIONS































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