

eska®

EN

GLOVE REVOLUTION SINCE 1912



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

Maximum protection. Maximum grip sensitivity.
Unrestricted safety with every move.



#eskagloves_onfire

www.eskagloves.com

ABOUT ESKA

Since our foundation in 1912, we have been exclusively dedicated to the production of high-quality gloves. More than 110 years of experience have made us a true specialist with extensive technical expertise in glove manufacturing.

Today, the company is already managed as a family business in the fourth generation – shaped by tradition, responsibility, and the commitment to the highest quality standards.

Our credo is to provide the best possible protection for the hand – the most important and sensitive tool of the human body. That is why optimal tactility, perfect fit, and maximum wearing comfort are just as important to us as the use of carefully selected, high-quality materials.

With highly skilled employees, state-of-the-art production resources, and close development and innovation partnerships with leading material suppliers, we meet even the highest demands. As an innovation leader in our industry, we continuously set new standards and consistently drive developments with a high level of technical sophistication. Through ongoing research and close collaboration with our partners, we create forward-looking solutions for maximum quality, safety, and functionality.

In addition, our gloves not only provide reliable protection, but also impress with their perfect fit, optimal tactility, and exceptional wearing comfort. Because equipment that feels precise and is comfortable to wear increases motivation, safety, and performance in the field.

We are convinced that investing in premium quality is not only more sustainable for the environment, but also more economical. Durable products provide firefighters with maximum safety and reliability in daily operations, reduce wear and premature replacement purchases, and ensure consistently high performance even under extreme conditions.

PERFECTION IN GLOVE MANUFACTURING FOR PROFESSION AND PASSION



FOLLOW US!



@eskagloves_onfire

A MATTER CLOSE TO THE HEART

High-quality, rigorously tested European raw materials and our expertise spanning more than 110 years form the basis for the manufacture of our quality products. Our gloves offer the highest level of protection and impress with their perfect fit, maximum grip and exceptional comfort. After all, equipment that not only protects but also feels precise and is a pleasure to wear boosts motivation, safety and performance in the field. These quality principles are at the very heart of our DNA. We are convinced that investing in high quality is not only more sustainable for the environment, but also more cost-effective. Durable products offer firefighters maximum safety with every movement and reliability in daily operations, reduce wear and tear as well as the need for premature replacements, and ensure consistently high performance even under extreme conditions.

“

Firefighters save lives during their operations. They are selfless and courageous, and deserve nothing but the very best protection. Protecting their hands is our top priority and is never left to chance.

- Paul Herbert Loos -



Managing director in the fourth generation,
Paul Herbert Loos

OUR HANDWRITING SINCE 1912

Over 110 years of expertise and experience in the manufacture of high-quality gloves



Research and Development in Austria



Certifications & Awards



High flexibility



Own production facilities in Austria, Hungary and Turkey



Family business in 4th generation



Regional value creation



Strictly tested materials



Quality management certified to ISO 9001:2015



Environmental management certified to ISO 14001:2015



QUALITY FROM AUSTRIA



The company headquarters in Thalheim, Austria, serves as the central hub for administration and all logistics operations. In addition to small-series and sample production, the in-house research and development department is also located in Wels. All raw materials are delivered to Thalheim and inspected before further processing. All products undergo strict quality controls. The quality management system is certified according to ISO 9001:2015. To ensure all safety-related requirements, additional testing is carried out by independent accredited laboratories. Continuous internal and external inspections guarantee compliance with all standards and the perfection of every product. In all of our own production facilities and partner companies in Hungary, trained glove makers and specialized seamstresses are employed. Our production in Hungary is certified according to the quality management standard ISO 9001:2015, the environmental management standard ISO 14001:2015, and the NATO quality standard AQAP 2120.

Through innovative working methods and expertise, combined with the world's finest raw materials from renowned manufacturers, we produce gloves that are unique on the global market. Our goal is to find the perfect solution for every technical challenge. In close cooperation with our suppliers, we are constantly searching for innovative materials in order to develop new and forward-looking gloves.

JOIN THE GLOVE REVOLUTION!



FOLLOW US!



@eskagloves_onfire



FIREFIGHTING GLOVES

with PBI outer material and palm material

ZEUS PBI 5F

8072/A Flap
8070/A Belt (long cuff with belt)
8071/A Knit Cuff (knitted wrist)



Zeus PBI 5F Flap



Zeus PBI 5F Belt



Zeus PBI 5F
Knit Cuff

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



3 5 4 3 F P



Anatomical, fire-resistant knuckle protector provides protection against impact, shock, and heat



Rolled-over fingertips for ultimate grip and sensitivity



3D thumb for excellent fit

Reflective piping for improved visibility

Second slim wrist strap for optimal glove fixation

Reinforced belt end as grip tab, also prevents the belt from slipping out of the loop



Extended hook-and-loop strap for optimal belt extension

Flame-resistant, adjustable strap system for optimal fixation over the protective jacket



easyfit technology for quick and easy donning, loops allow the gloves to be attached to the protective jacket with a carabiner

DETAILS

Material

Backhand: High-performance fiber PBI LP, knuckle protector, abrasion-resistant PROcoat silicone-carbon coating

Palm: PBI Gold with PROMarble coating (granite silicone-carbon) for extreme high-performance protection and maximum grip

Lining

Backhand: Para-aramid, FR neoprene (multi-layer construction for improved heat and cut protection performance)

Palm: Revolutionary cut-resistant lining Kevlar®/Inox/LCP

■ **Insert:** GORE-TEX CROSSTECH® Grip Insert protects against penetration of moisture, chemicals, oil, petrol, blood, and viruses while maintaining highest breathability

■ **Standard sizes:** 5 (XXS) - 12 (XXXL)

Special sizes: 4, 13, 14, 15 with 25% surcharge

More information at www.eskagloves.com



8072/A



8070/A



8071/A

MATERIALS / TECHNOLOGIES:



SIGA PBI 5F PLUS

8068/B Belt (long cuff with belt)

8069/B Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



3 5 4 3 F P



SIGA PBI 5F PLUS



SIGA PBI 5F PLUS
Knit Cuffs



8068/B



8069/B

SIGA PBI 5F PLUS

8068/B Belt (long cuff with belt)

8069/B Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



3 5 4 3 F P



SIGA PBI 5F PLUS



SIGA PBI 5F PLUS
Knit Cuff



8064/B



8065/B

DETAILS

- **Shell**
Back of hand: high-performance fiber PBI Gold Y55 PowerShell, knuckle protector with abrasion-resistant PROcoat silicone-carbon coating
Palm: PBI Gold with PROMarble coating (granite silicone-carbon) for extreme high-performance protection and maximum grip
- **Lining**
Back of hand: para-aramid, neoprene FR (multi-layer construction for improved heat and cut protection performance)
Palm: revolutionary cut-resistant lining made of Kevlar®/Inox/LCP
- **Insert:** GORE-TEX CROSSTECH® Grip insert protects against penetration by water, chemicals, oil, gasoline, blood, and viruses while maintaining maximum breathability
- **Standard sizes:** 5 (XXS) – 12 (XXXL)
Special sizes: 4, 13, 14, 15 with 25% surcharge
(More information at www.eskagloves.com)

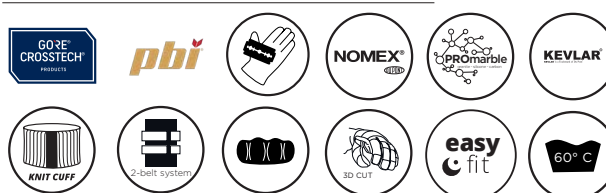
MATERIALS / TECHNOLOGIES:



DETAILS

- **Shell**
Back of hand: high-performance fiber PBI Gold Y55 PowerShell, knuckle protector with abrasion-resistant PROcoat silicone-carbon coating
Palm: PBI Gold with PROMarble coating (granite silicone-carbon) for extreme high-performance protection and maximum grip
- **Lining**
Back of hand: para-aramid, neoprene FR (multi-layer construction for improved heat and cut protection performance)
Palm: revolutionary cut-resistant lining made of Kevlar®/Inox/LCP
- **Insert:** GORE-TEX CROSSTECH® Grip insert protects against penetration by water, chemicals, oil, gasoline, and viruses while maintaining maximum breathability
- **Standard sizes:** 5 (XXS) – 12 (XXXL)
Special sizes: 4, 13, 14, 15 with 25% surcharge
(More information at www.eskagloves.com)

MATERIALS / TECHNOLOGIES:



TEXTILE

FIREFIGHTING GLOVES



FOLLOW US!



@eskagloves_onfire

OLYMP 5F

8059/A Flap
8057/A Belt (long cuff with belt)
8058/A Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



CE 0534



3 5 4 3 F P



OLYMP 5F Flap



OLYMP 5F Belt



OLYMP 5F Knit Cuff



8059/A

8057/A

8058/A

PHÖNIX 5F

8051/B Belt (long cuff with belt)
8053/B Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



CE 0534



4 5 4 3 F P



PHÖNIX 5F Belt



PHÖNIX-E 5F



8051/B

8053/B

DETAILS

- **Material**
Backhand: Aramid knit with abrasion-resistant ProCoat® silicone-carbon coating, cuff made of Aramid/Lenzing FR®
Palm: Nomex Kevlar with ProMarble coating
- **Lining**
Backhand: Para-aramid, FR neoprene (multi-layer construction for improved heat and cut protection performance)
Palm: Revolutionary cut-resistant lining Kevlar®/Inox/LCP
- **Insert:** GORE-TEX CROSSTECH® Grip Insert protects against penetration of moisture, chemicals, oil, petrol, blood, and viruses while maintaining highest breathability
- **Standard sizes:** 5 (XXS) - 12 (XXXL)
Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com

MATERIALS / TECHNOLOGIES:



DETAILS

- **Shell**
Backhand: Aramid knit with abrasion-resistant ProCoat® silicone-carbon coating, cuff made of Aramid/Lenzing FR®
Palm: Nomex®/Kevlar® with PROMarble coating (granite silicone-carbon) for extreme high-performance protection and maximum grip
- **Lining**
Backhand: Para-aramid, heat protection felt (multi-layer construction for improved heat and cut protection performance)
Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP
- **Insert**
GORE-TEX CROSSTECH® Grip Insert protects against penetration of moisture, chemicals, oil, petrol, blood, and viruses while maintaining highest breathability
- **Standard sizes:** 5 (XXS) - 12 (XXXL)
Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com

MATERIALIEN / TECHNOLOGIEN:



JUPITER 5F

8011/C Belt (long cuff with belt)

8014/C Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



CE 0534



4 5 4 3 F



JUPITER 5F Belt



JUPITER 5F Knit Cuff



8011/B



8014/B

PYRION 5F

8200BA Belt (long cuff with belt)

8200KA Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016 + A1:2018



CE 0534



3 5 4 3 F



PYRION 5F BELT



PYRION 5F Knit Cuff



8200BA



8200KA

DETAILS

■ Shell

Backhand: Aramid/Lenzing FR® outer fabric, knuckle protection and fingertip caps made of Aramid knit with ProCoat® silicone-carbon coating
Palm: Nomex®/Kevlar® with PROmarble coating (granite silicone-carbon) for extreme high-performance protection and maximum grip

■ Lining

Backhand: Para-aramid, FR neoprene (multi-layer construction for improved heat and cut protection performance)

Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

■ Insert

3-layer GORE-TEX insert for permanent water-proofness, windproofness, and breathability, protection against penetration of liquid chemicals according to EN ISO 6530

■ Standard sizes: 5 (XXS) - 12 (XXXL)

Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com

■ Colors: 005 black | 013 red | 033 beige

MATERIALS / TECHNOLOGIES:



DETAILS

■ Shell

Backhand: Aramid/Lenzing FR® outer fabric, knuckle protection and fingertip caps made of Aramid knit with ProCoat® silicone-carbon coating
Palm: Nomex®/Kevlar® with PROmarble coating (granite silicone-carbon) for extreme high-performance protection and maximum grip

■ Lining

Backhand: Para-aramid, heat protection felt (multi-layer construction for improved heat and cut protection performance)

Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

■ Insert:

Porelle (PU) protects against penetration of moisture, chemicals, oil, and petrol

■ Standard sizes: 5 (XXS) - 12 (XXXL)

Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com

MATERIALS / TECHNOLOGIES:



FOLLOW US!



@eskagloves_onfire



TEXTILE/LEATHER

FIREFIGHTING

GLOVES

ODYSSEUS FC

NEW
MODEL

8300BA Belt (long cuff with belt)

8300KA Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

EN 388:2016+A1:2018



4 5 4 3 F

Foam-padded knuckles for additional heat protection

easy touch

easyTouch technology for operating smartphones and tablets

Knuckle protection made of aramid knit with PROMarble coating

easy view

Velours leather patch as additional heat protection, and for easy wiping and cleaning of the helmet visor

Reflective piping for improved visibility

easy fit

easyFit technology for quick and easy donning, loops allow the gloves to be attached to the protective jacket with a carabiner

Reflective printed logo for improved visibility

easy lift

The thumb is equipped with easyLift technology, enabling secure and precise gripping of even small objects

Heat Block nappa leather for maximum grip on smooth and wet surfaces

Aramid layer for additional wrist protection

Reinforced belt end as grip tab, also prevents the belt from slipping out of the loop

Flame-resistant, adjustable strap system for optimal fixation over the protective jacket



8300BA

8300KA



ODYSSEUS FC BELT



ODYSSEUS FC KNIT CUFF

DETAILS

■ Shell

Backhand: Flame-resistant Aramid/Lenzing™ FR outer fabric, knuckle protection and fingertip caps made of aramid knit with PROMarble coating, Fire Block split leather (non-shrinking under heat)

Palm: Heat Block nappa leather (water-repellent, abrasion-resistant, non-shrinking under heat, maximum grip on smooth and wet surfaces)

■ Lining

Backhand: Para-aramid, FR neoprene (multi-layer construction for improved heat and cut protection performance)

Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

Insert:

Porelle (PU) protects against penetration of moisture, chemicals, oil, and petrol

■ Regular-Fit-Sizes: 7H (S) - 12H (XXXL)

Slim-Fit-Sizes: 5D (XXS) - 9D (L)

Special sizes: 4, 13, 14, 15 with 25% surcharge

More information at www.eskagloves.com

MATERIALS / TECHNOLOGIES:



FOLLOW US!



@eskagloves_onfire



LEATHER

FIREFIGHTING GLOVES

HELIOS 5F

8089/A Flap
8086/A Belt (long cuff with belt)
8087/A Knit Cuff (knitted wrist)

EN 659:2003+A1:2008



EN 388:2016+A1:2018



4 5 4 3 F P



HELIOS 5F Flap



HELIOS 5F Belt



HELIOS 5F
Knit Cuff



8089/A

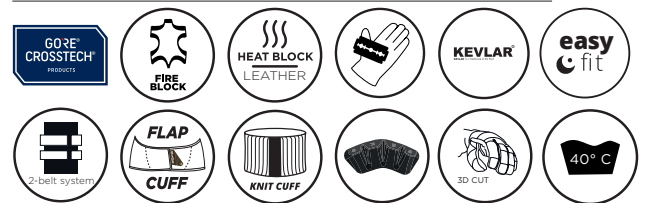
8086/A

8087/A

DETAILS

- **Material**
Backhand: Fire Block split leather, Heat Block nappa leather (water-repellent, abrasion-resistant, non-shrinking under heat)
Palm: Heat Block nappa leather, reinforcement made of Fire Block split leather (water-repellent, abrasion-resistant, non-shrinking under heat, maximum grip on wet and smooth surfaces)
- **Lining**
Backhand: Para-aramid, FR neoprene (multi-layer construction for improved heat and cut protection performance)
Palm: Revolutionary cut-resistant lining made of Aratec Kevlar®/Inox/LCP
- **Insert:**
GORE-TEX CROSSTECH® Grip Insert protects against penetration of moisture, chemicals, oil, petrol, blood, and viruses while maintaining highest breathability
- **Standard sizes:** 5 (XXS) - 12 (XXXL)
Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com

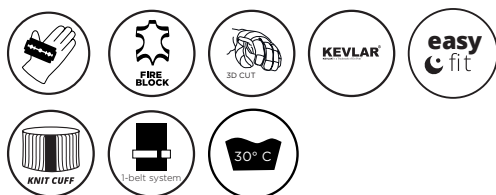
MATERIALS / TECHNOLOGIES:



DETAILS

- **Shell**
Backhand: Fire Block split leather with waterproof PU lamination (water-repellent, abrasion-resistant, non-shrinking under heat)
Palm: Fire Block split leather with waterproof PU lamination (water-repellent, abrasion-resistant, non-shrinking under heat, excellent grip)
- **Lining**
Backhand: Para-aramid
Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP
- **Standard sizes:** 5 (XXS) - 12 (XXXL)
Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com
- **Colors:** 005 black | 033 beige

MATERIALS / TECHNOLOGIES:



MARS 5F

8018/B Belt (long cuff with belt)
8024/B Knit Cuff (Knitted wrist)

EN 659:2003+A1:2008



EN 388:2016+A1:2018



3 4 4 4 F



MARS 5F Belt



MARS 5F Knit Cuff



8018/B

8024/B

FOLLOW US!



@eskagloves_onfire



**ADDITIONALLY CERTIFIED
FOR WILDLAND PROTECTION
ACCORDING TO ISO 16073-4:2019**

MARS WP 5F

NEW
MODEL

8100BA Belt (long cuff with belt)
8100KA Knit Cuff (knitted wrist)

EN 659:2003+A1:2008

ISO 16073-4:2019

EN 388:2016



CE 0534

4 5 4 4 F

Backhand reinforcement for additional protection against heat and mechanical stress, stitched with silver reflective threads for improved visibility

Reflective piping for improved visibility

Reflective printed logo for improved visibility

easyFit technology for quick and easy donning, loops allow the gloves to be attached to the turnout jacket with a carabiner



Reinforced palm for maximum grip on smooth and wet surfaces

Aramid layer for additional wrist protection

Flame-resistant, adjustable strap system for optimal fixation over the protective jacket

Reinforced belt end as grip tab, also prevents the belt from slipping out of the loop

DETAILS

■ Shell

Backhand: Fire Block split leather (water-repellent, abrasion-resistant, non-shrinking under heat)
Palm: Fire Block split leather, abrasion-resistant palm reinforcement for maximum grip on smooth and wet surfaces

■ Lining

Backhand: Para-aramid
Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

■ Insert

Porelle (PU) protects against penetration of moisture, chemicals, oil, and petrol

■ Standard sizes: 5 (XXS) - 12 (XXXL)

Special sizes: 4, 13, 14, 15 with 25% surcharge
More information at www.eskagloves.com

■ Additionally certified for wildfire protection according to ISO 16073-4:2019



8100BA

8100KA



MARS WP 5F BELT



MARS WP 5F Knit Cuff

MATERIALS / TECHNOLOGIES



FOLLOW US!



@eskagloves_onfire

COMPARISON TABLE OF ALL FIREFIGHTER GLOVES

	Norm	MINIMUM REQUIREMENT	ZEUS 5F	SIGA PBI PLUS 5F	SIGA PBI 5F	OLYMP 5F	PHÖNIX 5F	JUPITER 5F	PYRION 5F	ODYSSEUS FC	HELIOS 5F	MARS WP	MARS 5F
Backhand material			PBI LP	PBI Y55	PBI Y55	Knitted aramide with Procoat coating	Knitted aramide with Procoat coating	Woven fabric made of aramide/ Lenzing FR	Woven fabric made of aramide/ Lenzing FR	Woven fabric made of aramide/ Lenzing FR and Fire Block leather (calf split)	Heat Block cow nappa leather and Fire Block leather (calf split)	Fire Block leather (calf split)	Fire Block leather (calf split)
Additional backhand knuckle protection			Protector	Protector covered with PROcoat	Protector covered with PROcoat	Protector	Soft 3D foam protection covered with PROcoat	Foam patch covered with PROcoat	foam patch covered with PROcoat	foam patch covered with PROcoat	Protector	Foam patch covered with Fire Block leather	Foam patch covered with Fire Block leather
Palm material			PBI Gold/ Nomex with PROMarble coating	PBI Gold/ Nomex with PROMarble coating	PBI Gold/ Nomex with PROMarble coating	Nomex/Kevlar with PROMarble coating	Nomex/ Kevlar with PROMarble coating	Nomex/Kevlar with PROMarble coating	Nomex/ Kevlar with PROMarble coating	Heat Block cow nappa leather	Heat Block cow nappa leather with calf split leather patch	Fire Block leather (calf split) with grip material patch	Fire Block leather (calf split) with additional patch
Lining material			Cut protection lining made of Kevlar/ Innox/LCP	Cut protection lining made of Kevlar/Innox/ LCP	Cut protection lining made of Kevlar/Innox/ LCP	Cut protection lining made of Kevlar/Innox/ LCP	Cut protection lining made of Kevlar/ Innox/LCP	Cut protection lining made of Kevlar/Innox/LCP	Cut protection lining made of Kevlar/Innox/LCP	Cut protection lining made of Kevlar/Innox/ LCP	Cut protection lining made of Kevlar/ Innox/LCP	Cut protection lining made of Kevlar/ Innox/LCP	Cut protection lining made of Kevlar/ Innox/LCP
Insert			GORE-TEX 2layer Crosstech	GORE-TEX 2layer Crosstech	GORE-TEX 2layer Crosstech	GORE-TEX 2layer Crosstech	GORE-TEX 2layer Crosstech	GORE-TEX 3layer	Porelle (PU)	Porelle (PU)	GORE-TEX 2layer Crosstech	Porelle (PU)	None, only PU lamination
Waterproof			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no
Additional heat protection layer on backhand			flame retardent neoprene	flame retardent neoprene	aramide heat protection felt	flame retardent neoprene	aramide heat protection felt	flame retardent neoprene	aramide heat protection felt	flame retardent neoprene	flame retardent neoprene	none	none
Additional radiant heat protection patch between forefinger and thumb			yes	no	no	yes	no	no	no	yes	yes	no	no
EASYview			no	no	no	no	no	no	no	yes	no	no	no
EASYtouch (smart devices)			no	no	no	no	no	no	no	yes	no	no	no
EASYfit (donning aid strap, fixation loop)			yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no
EASYLift			no	no	no	no	no	no	no	yes	no	no	no
Finger construction			rolled over with grip rills	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets
Cuff options			long cuff with belt, short knitcuff, flap	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff, flap	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff, flap	long cuff with belt, short knitcuff	long cuff with belt, short knitcuff
Colour options			beige	beige	beige	black	black	black, beige, red	black	black	black	black	black, beige
Washing temperature in washingmaschine			60°C	60°C	60°C	60°C	60°C	60°C	60°C	40°C	40°C	30°C	30°C
Tumble dry (gentle)			no	yes	yes	no	no	no	yes	no	no		no

	Norm	MINIMUM REQUIREMENT	ZEUS 5F	SIGA PBI PLUS 5F	SIGA PBI 5F	OLYMP 5F	PHÖNIX 5F	JUPITER 5F	PYRION 5F	ODYSSEUS FC	HELIOS 5F	MARS WP	MARS 5F
Number of certified washing cycles			20	20	20	20	20	20	20	20	20	5	20
Time to take off the gloves - dry		3 sec	1	1	1	1	1	1	1	1	1	1	1
Dexterity new/after washes	EN 21420	-	5/5	4/5	4/5	5/5	5/5	fulfilled	4/4	5/5	4/4	5/5	5/5
Abrasion resistance new/after washes	EN 388	Level 3	3/3	3/3	3/3	3/3	4/4	4/4	3/3	4/4	4/4	4/4	3/4
Blade cut resistance new/after washes (palm)	EN 388	Level 2	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	4/5
Blade cut resistance new/after washes (backhand)	EN 388	Level 2	4/3	3/4	3/4	4/3	5/4	3/3	3/3	3/3	2/2	2/2	2/2
Tear resistance new/after washes	EN 388	Level 3	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
Puncture resistance new/after washes	EN 388	Level 3	3/3	3/3	3/3	3/3	3/3	4/3	3/4	3/4	4/3	4/4	4/4
TDM cut resistance new/after washes	EN 388	-	F/F	F/F	F/F	F/F	F/F	F/F	F/F	F/F	F/F	F/F	F/F
Impact protection	EN 388	-	P	P	P	P	P	-	-	-	P	-	-
Convective heat (palm)	EN 407	13 sec	17,2/18,8	17,2/18,8	17,2/18,8	16,4/17,5	19/17,5	18,6/22,6	30/17,5	14,8/18,8	14,8/18,8	43,1/15,1	35,6/15,1
Convective heat (backhand)	EN 407	13 sec	29,4/31,8	28/29,2	18,2/18,8	29,2/33,4	21,8/31,5	29,2/33,4	14,2/15,4	29,2/33,4	79/82,4	13,4/14,9	27,3/14,9
Radiant heat (backhand)	ISO 6942	20 sec	29,5/32,5	35,2/39,1	23,1/22,2	29,6/27,1	25,1/32	29,6/27,1	22,2/25,3	29,6/27,1	75,3/84,1	35,1/29,1	29,7/29,1
Contact heat (dry)	EN 702	10 sec	14,4/14	14,4/14	14,4/14	19,1/16,4	19,1/16,4	19,9/16,4	16,9/16,4	12,9/12,1	12,9/12,1	10,2/15,1	17,5/15,3
Shrinkage	ISO 17493	≤ -5%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	-0,1%	fulfilled	-1,6%	-0,8%	-0,8%

TECHNICAL RESCUE

CERTIFIED ACCORDING TO EN 388:2016 + EN 407:2020

EXTREME CUT PROTECTION.

FLAME-RETARDANT MATERIALS.

**UNRESTRICTED SAFETY WITH
EVERY MOVE.**

HURRICANE 5F

9559/A

EN 388:2016+A1:2018



3 5 4 4 F P

EN 407:2020



4 1 X X X X



HURRICANE 5F



DETAILS

■ Shell

Backhand: Antistatic, flame-retardant ripstop fabric, knuckle protection and fingertip caps made of aramid knit with abrasion-resistant ProCoat® silicone-carbon coating, knuckle protector

Palm: AraTec with PU coating

■ Lining

Backhand: Meta-aramid/FR viscose

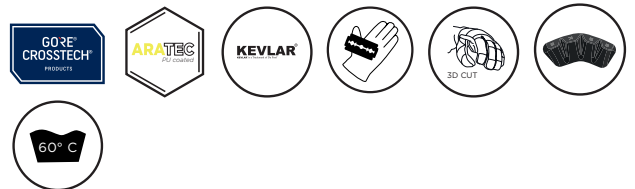
Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

■ Insert:

GORE-TEX CROSSTECH® Grip Insert protects against penetration of moisture, chemicals, oil, petrol, blood, and viruses while maintaining highest breathability

■ Standard sizes: 5 (XXS) - 12 (XXXL)

MATERIALS / TECHNOLOGIES



THUNDER 5F

9557/A

EN 388:2016+A1:2018



3 5 4 4 F P

EN 407:2020



4 1 X X X X



THUNDER 5F



DETAILS

■ Shell

Backhand: Antistatic, flame-retardant ripstop fabric, knuckle protection and fingertip caps made of aramid knit with abrasion-resistant ProCoat® silicone-carbon coating

Palm: AraTec with PU coating

■ Lining

Backhand: Meta-aramid/FR viscose

Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

■ Standard sizes: 5 (XXS) - 12 (XXXL)

MATERIALS / TECHNOLOGIES



FOLLOW US!



@eskgloves_onfire

FLASH

9553/AB

EN 388:2016+A1:2018



3 4 4 4 E

EN 407:2020



4 1 X X X X



FLASH



DETAILS

■ Shell

Backhand: Antistatic, flame-retardant ripstop fabric, knuckle protection and fingertip caps made of aramid knit with abrasion-resistant PU groove coating

Palm: Rescut™ Fire (abrasion-resistant, highly durable, cut-retardant knit with coating)

■ Lining

Backhand: Meta-aramid/FR viscose

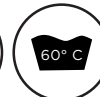
Palm: Para-aramid with glass fiber

■ Standard sizes: 5 (XXS) - 12 (XXXL)

Special sizes: 4, 13, 14, 15 with 25% surcharge

More information at www.eskagloves.com

MATERIALS / TECHNOLOGIES



PRUTOS 5F

9552/B

EN 388:2016+A1:2018



4 4 4 4 F

EN 407:2020



4 2 X X 4 X



PRUTOS 5F



DETAILS

■ Shell

Backhand: Antistatic, flame-retardant ripstop fabric

Palm: Fire Block split leather (water-repellent, abrasion-resistant, non-shrinking under heat, maximum grip on smooth and wet surfaces)

■ Lining

Backhand: Meta-aramid/FR viscose

Palm: Revolutionary cut-resistant lining made of Kevlar®/Inox/LCP

■ Standard sizes: 5 (XXS) - 12 (XXXL)

MATERIALS / TECHNOLOGIES



TECHNICAL RESCUE

CERTIFIED ACCORDING TO EN 388:2016

MAXIMUM CUT RESISTANCE.

EXTREME TACTILITY.

**COMPLETE SAFETY WITH EVERY
MOVE.**

FORCE WP

9598WPA

NEW
MODEL

EN 388:2016+A1:2018



3 4 4 4 C P

EN407:2020



X 1 X X X X



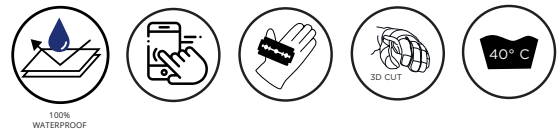
FORCE WP



DETAILS

- **Shell**
Backhand: Wind- and water-repellent, durable stretch polyester with TPU lamination
Palm: Abrasion-resistant Touch Amara (synthetic leather) for maximum grip, enabling full touchscreen operation of tablets and smartphones with all fingers and thumb
- **Lining**
Backhand: Aramid/viscose
Palm: Cut-resistant lining made of para-aramid with glass fibers
- **Insert:** Waterproof PU insert
- Short cuff for maximum wrist mobility
- Thumb reinforcement as additional seam protection in the high-stress thumb flex zone, certified backhand protector
- **Standard sizes:** 5 (XXXXS) - 13 (3XL)
Colors: 005 black | 011 yellow

MATERIALS / TECHNOLOGIES



FORCE 1 LUKAS EDITION

9598L/A

EN 388:2016+A1:2018



3 4 4 4 C P

EN407:2020



X 1 X X X X



FORCE 1 LUKAS



DETAILS

- **Shell**
Backhand: Durable spandex
Palm: Abrasion-resistant Touch Amara (synthetic leather) for maximum grip, enabling full touchscreen operation of tablets and smartphones with all fingers and thumb
- **Lining**
Palm: Cut-resistant lining made of para-aramid with glass fibers
- Short cuff for maximum wrist mobility
- Thumb reinforcement as additional seam protection in the high-stress thumb flex zone, certified backhand protector
- Eyelet for attaching the glove to the turnout gear (standard carabiner included)
- **Standard sizes:** 5 (XXXXS) - 13 (3XL)

MATERIALS / TECHNOLOGIES:



FORCE 2

9591/A

EN 388:2016+A1:2018



3 4 4 4 C P

EN407:2020



X 1 X X X X



FORCE 2



DETAILS

■ Shell

Backhand: Durable spandex

Palm: Abrasion-resistant Touch Amara (synthetic leather) for maximum grip, enabling full touchscreen operation of tablets and smartphones with all fingers and thumb

■ Lining

Palm: Cut-resistant lining made of para-aramid with glass fibers

■ Extended cuff with wrist protection

■ Thumb reinforcement as additional seam protection in the high-stress thumb flex zone, certified backhand protector

■ Eyelet for attaching the glove to the turnout gear (standard carabiner included)

■ Standard sizes: 5 (XXXS) - 13 (3XL)

■ Colors: 005 black | 011 yellow | 013 red

MATERIALS / TECHNOLOGIES:



FORCE 1

9598/A

EN 388:2016+A1:2018



3 4 4 4 C P

EN407:2020



X 1 X X X X



FORCE 1



DETAILS

■ Shell

Backhand: Durable spandex

Palm: Abrasion-resistant Amara (synthetic leather) for maximum grip

■ Lining

Palm: Cut-resistant lining made of para-aramid with glass fibers

■ Short cuff for maximum wrist mobility

■ Thumb reinforcement as additional seam protection in the high-stress thumb flex zone, certified backhand protector

■ Eyelet for attaching the glove to the turnout gear (standard carabiner included)

■ Standard sizes: 5 (XXXS) - 13 (3XL)

■ Colors: 005 black | 011 yellow | 013 red

MATERIALS / TECHNOLOGIES:



FOLLOW US!



@eska gloves_onfire

WORK 2

9590/A

EN 388:2016+A1:2018



3 4 4 4 C P

EN407:2020



X 1 X X X X



WORK 2



DETAILS

- **Shell**
Backhand: Durable spandex
Palm: Abrasion-resistant Touch Amara (synthetic leather) for maximum grip, enabling unrestricted operation of tablets and smartphones with all fingers and thumb
- **Lining**
Palm: Cut-resistant lining made of para-aramid with steel-fiberglass
- Extended cuff with wrist protection
- Eyelet for attaching the glove to the turnout gear (standard carabiner included)
- **Standard sizes:** 5 (XXXS) - 13 (3XL)
- **Colors:** 005 black | 011 yellow

MATERIALS / TECHNOLOGIES:



WORK 1

9599/A

EN 388:2016+A1:2018



3 4 4 4 C P

EN407:2020



X 1 X X X X



WORK 1



DETAILS

- **Shell**
Backhand: Durable spandex
Palm: Abrasion-resistant Amara (synthetic leather) for maximum grip
- **Lining**
Palm: Cut-resistant lining made of para-aramid with steel-fiberglass
- Short cuff for maximum wrist mobility
- Eyelet for attaching the glove to the turnout gear (standard carabiner included)
- **Standard sizes:** 5 (XXXS) - 13 (3XL)
- **Colors:** 005 black | 011 yellow

MATERIALS / TECHNOLOGIES:



COMPARISON TABLE OF ALL TECHNICAL RESCUE GLOVES

	Norm	HURRICANE 5F	THUNDER 5F	FLASH	PRUTOS 5F	FORCE WP	FORCE 2	FORCE 1	WORK 2	WORK 1
Backhand material		Antistatic, flame retardent ripstop fabric	Antistatic, flame retardent ripstop fabric	Antistatic, flame retardent ripstop fabric	Antistatic, flame retardent ripstop fabric	Wind- and waterproof, durable Spandex	Durable Spandex	Durable Spandex	Durable Spandex	Durable Spandex
Additional backhand knuckle protection		Protector	Foam patch covered with knitted aramide with Procoat coating	Patch made of aramide with PU rill coating	Foam patch	Ergonomic TPU knuckle and finger protector	Ergonomic TPU knuckle and finger protector	Ergonomic TPU knuckle and finger protector	-	-
Palm material		Aratec	Aratec	Rescut Fire	Fire Block leather (calf split)	Touch Amara	Touch Amara	Amara (without touch function)	Touch Amara	Amara (without touch function)
Touch function for the use of smart devices		no	no	no	no	yes	yes	no	yes	no
Lining material (palm)		Cut protection lining made of Kevlar/Inox/LCP	Cut protection lining made of Kevlar/Inox/LCP	Para-aramide with glass fibers	Cut protection lining made of Kevlar/Inox/LCP	Para-aramide with glass fibers	Para-aramide with glass fibers	Para-aramide with glass fibers	Para-aramide with glass fibers	Para-aramide with glass fibers
Lining material (backhand)		Viscose FR	Viscose FR	Viscose FR	Viscose FR	Viscose FR	-	-	-	-
Insert		Gore-Tex 2layer Crosstech	-	-	-	Waterproof PU insert	-	-	-	-
Waterproof		yes	no	no	no	yes	no	no	no	no
Glove construction		classic 3d with gussets	classic 3d with gussets	guncut	guncut	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets	classic 3d with gussets
Cuff solution		snowcuff for safe closure	snowcuff for safe closure	snowcuff for safe closure	snowcuff for safe closure	short cuff with velcro strap	longer cuff with velcro strap & pulse protection	short cuff with velcro strap	longer cuff with velcro strap & pulse protection	short cuff with velcro strap
Colour options		yellow	yellow	yellow	yellow	black	black, yellow, red	black, yellow, red	black, yellow	black, yellow
Washing temperature in washing machine		60°C	60°C	60°C	30°C	40°C	40°C	40°C	40°C	40°C
Tumble dry (gentle)		yes	yes	yes	no	no	yes	yes	yes	yes
Number of certified washing cycles		20	20	20	20	5	5	5	5	5
Dexterity new/after washes	EN 21420	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5	5/5
Abrasion resistance new/after washes	EN 388	3/3	3/3	3/3	4/4	3/3	3/3	3/3	3/3	3/3
Blade cut resistance new/after washes	EN 388	5/5	5/5	4/4	4/5	4/4	4/4	4/4	4/4	4/4
Tear resistance new/after washes	EN 388	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
Puncture resistance new/after washes	EN 388	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
TDM cut resistance new/after washes	EN 388	F/F	F/F	F/E	F/F	D/C	D/C	D/C	D/C	D/C
Impact protection	EN 388	yes (P)	no	no	no	yes (P)	yes (P)	yes (P)	no	no
Burning behavior of all materials	EN 407	level 4	level 4	level 4	level 4	-	-	-	-	-
Contact heat (palm)	EN 407	level 1	level 1	level 1	level 2	level 1	level 1	level 1	level 1	level 1
Small splashes of molten metal	EN 407	-	-	-	level 4	-	-	-	-	-

PROTECTIVE COVERS

BREATHING AIR CYLINDERS



PROTECTIVE COVERS BREATHING AIR CYLINDERS



ISO: 15025



9600/A

LEATHER PROTECTIVE COVER

Perfect protection for breathing air cylinders against damage and dirt. Even in the event of a fall, the flame- and abrasion-resistant Fire Block leather – which is also used in our fire-fighting gloves – provides excellent cushioning to protect the cylinder. The entire interior is lined all round with a para-aramid knit, offering enhanced protection against cuts and impacts. The Velcro fastening runs the full length of the cover, making it easy to quickly insert and remove the cylinder and ensuring an optimal fit. The elasticated rubber band around the valve protects against the ingress of dirt and debris and guarantees a secure seal. Additionally, the protective cover features a leather pull tab for easy insertion and removal. To prevent interference with the operation of the valve, this can be conveniently folded back to ensure smooth operation of the valve.

MATERIALS

- Fire Block split leather (water-repellent, abrasion-resistant, does not shrink when exposed to heat)
Flame- and fire-resistant
Flame-retardant 40 mm wide fastening strap with hook-and-loop fastening (Velcro) for an optimal fit
Fully lined throughout with para-aramid knit fabric for high cut resistance and impact protection
Bottom reinforced with FR foam insert for additional protection
3 high-visibility reflective strips
38 x 220 mm hook-and-loop tape for customisation using hook tape (a blank hook tape for covering is included)

SIZES

- Suitable for 6-litre and 6.8-litre bottles
- Compatibility tested with the following manufacturers and models:

Manufacturer	Version	Volume	Type
Dräger	CFK-cylinder	6,8 L	Typ-3
Dräger	CFK-Flasche (NLL)	6,8 L	Typ-4
MSA	CFK-cylinder	6,8 L	
Interspiro	CFK-cylinder (NLL)	6,8 L	VTI K44 CTS
CTS	CFK-cylinder (NLL)	6,8 L	Typ-4
MCS	CFK-cylinder (NLL)	6,8 L	Typ-4
Luxfer	CFK-cylinder	6,8 L	Typ-3
SCI	CFK-cylinder (NLL)	6,8 L	Typ-3

CUSTOMISATION

Unprinted area on the front Velcro panel for customisation
(38 x 220 mm)



FOLLOW US!



@eskagloves_onfire

PROTECTIVE COVERS BREATHING AIR CYLINDERS



ISO: 15025



9601/A

TEXTILE PROTECTIVE COVER

Perfect protection for breathing air cylinders against damage and dirt. Even in the event of a fall, the flame- and abrasion-resistant viscose FR/meta-aramid ripstop fabric provides good cushioning to protect the cylinder. The entire interior is lined all round with a para-aramid knit, offering enhanced protection against cuts and impacts. The Velcro fastening runs the full length of the cover, making it easy to quickly insert and remove the cylinder and ensuring an optimal fit. The elasticated rubber band around the valve protects against the ingress of dirt and debris and guarantees a secure seal. Additionally, the protective cover features a leather pull tab for easy insertion and removal. To prevent interference with the operation of the valve, this can be conveniently folded back to ensure smooth operation of the valve.

MATERIALS

- Ripstop fabric made from viscose FR/meta-aramid
Flame- and fire-resistant
Flame-retardant 40 mm wide fastening webbing with hook-and-loop fastening (Velcro) for an optimal fit
Fully lined on the inside with para-aramid knit fabric for high cut resistance and protection against impacts
Bottom reinforced with FR foam insert for additional protection
3 high-visibility reflective strips
38 x 220 mm hook-and-loop tape for customisation using hook tape (a blank hook tape for covering is included)

SIZES

- Suitable for 6-litre and 6.8-litre bottles
- Compatibility tested with the following manufacturers and models:

Manufacturer	Version	Volume	Type
Dräger	CFK-cylinder (Typ 3)	6,8 L	Typ-3
Dräger	CFK-cylinder (Typ 4 / NLL)	6,8 L	Typ-4
MSA	CFK-cylinder (Artikelnummer 10175938)	6,8 L	
MSA	CFK-cylinder (article number 10170116)	6,8 L	
Interspiro	CFK-cylinder (NLL)	6,8 L	VTI K44 CTS
CTS	CFK-cylinder (NLL-CFK)	6,8 L	Typ-4
MCS	CFK-cylinder (NLL-CFK)	6,8 L	Typ-4
Luxfer	CFK-cylinder (Typ 3)	6,8 L	Typ-3
SCI	CFK-Flasche (Typ 3 / NLL)	6,8 L	Typ-3

COLORS

- 029 dark blue | 013 red

CUSTOMISATION

Unprinted area on the front Velcro panel for customisation
(38 x 220 mm)



CERTIFICATIONS

Protected knowledge and certified quality.

EN 659:2003 + A1:2008



The requirements for firefighting gloves are set out in EN 659. This standard is a summary and refers to several other standards. With regard to the mechanical performance of fire-fighting protective gloves (abrasion, cut, tear resistance, puncture resistance), EN 659 refers to EN 388 Protective gloves against mechanical risks and sets out minimum requirements. With regard to thermal resistance, EN 659 refers to EN 407, Protective gloves against thermal risks. This standard sets out minimum requirements regarding flammability, convective heat, radiant heat and contact heat. EN 21420 sets out the general requirements for protective gloves (tactile sensitivity, time taken to remove the gloves, harmlessness of materials, sizes and minimum lengths).

TESTING	REQUIREMENTS
EN 388:2016 Abrasion resistance	minimum performance level 3
EN 388:2016 Cut resistance – back of hand	minimum performance level 2
EN 388:2016 Cut resistance – palm	minimum performance level 2
EN 388:2016 Tear resistance	minimum performance level 3
EN 388:2016 Puncture resistance	minimum performance level 3
EN 388:2016 Cut resistance (TDM)	-
EN 407:2020 Flammability	minimum performance level 4
EN ISO 9151 Convective heat	min. 13 S.
EN ISO 6942 Radiant heat	min. 20 S.
EN 702 Contact heat	min. 10 S.
ISO 17493 Heat shrinkage of gloves	≤ 5 %
EN 21420:2020 Dexterity	minimum performance level 1
EN ISO 13935-2 Seam strength	min. 350 N.
EN 21420:2020 Time required to remove	≤ 3 S.
EN ISO 6530 Resistance to penetration of liquid chemicals	no penetration
EN 20811 Water penetration resistance	
ISO 15383 Waterproofness	

Other criteria include radiant heat, which can be extremely high depending on the firefighting operation. It is important that not only the outer material but also the lining is heat-resistant. Direct contact with flames, e.g. during a flashover or similar hazards, can cause the glove material to shrink. The shrinkage of the glove material must therefore not exceed 5% at 180 °C in accordance with ISO 17493.

However, the time taken to put on the gloves is also relevant during a firefighting operation. For a fire-resistant glove, the time taken by a test subject to put on and take off a pair of fire-resistant gloves must therefore be measured. This is carried out three times on both dry and wet gloves. The average time taken to remove a pair of fire-resistant gloves must not exceed 3 seconds, whether the gloves are wet or dry.

EN 407:2020



Gloves tested and certified according to the EN 407:2020 standard provide protection against thermal risks such as heat, flames, and contact with hot surfaces. In addition, the behaviour of the material is tested against radiant, convective, and contact heat as well as against small splashes of molten metal. As high temperatures and short-term flame exposure may frequently occur during technical rescue operations and firefighting activities, these gloves are classified as Category II or III PPE depending on their level of protection.

The continuous development of heat-resistant materials and coatings requires the ongoing adaptation of testing procedures. The current version of the standard, EN 407:2020, replaces earlier editions and includes updated testing requirements regarding heat transfer, material performance, and marking. The performance levels are indicated by six classification values describing protection against burning behaviour, contact heat, convective heat, radiant heat, and small and large splashes of molten metal. The higher the respective performance level, the greater the tested protection of the glove against the corresponding thermal hazard.

EN 407:2004



4 1 X X 2 X

- Large quantities of molten metal (1 to 4)
- Small splashes of molten metal (1 to 4)
- Radiant heat (1 to 4)
- Convective heat (1 to 4)
- Contact heat (inner glove surface) (1 to 4)
- Flame resistance (1 to 4)

FOLLOW US!



@eskaagloves_onfire

EN 388:2016

Gloves tested and certified according to EN 388 provide protection against mechanical risks such as abrasion, cuts, tearing and punctures. During technical rescue operations, there is an increased risk of hand injuries, including cuts and abrasions. For this reason, gloves used for technical rescue are classified as Category II Personal Protective Equipment (PPE). As high-performance fibres continue to evolve, testing methods and standards are continuously updated and improved. With the introduction of EN 388:2016, the cut resistance testing procedure was significantly revised. Cut protection is now additionally classified using performance levels from A to F and supplemented by the TDM test according to ISO 13997. Unlike the traditional Coupé test, the TDM test uses a new blade for each individual test cycle. This prevents the results from being influenced by materials that intentionally blunt the blade and ensures a more accurate and realistic assessment of the actual cut resistance performance of modern protective gloves.

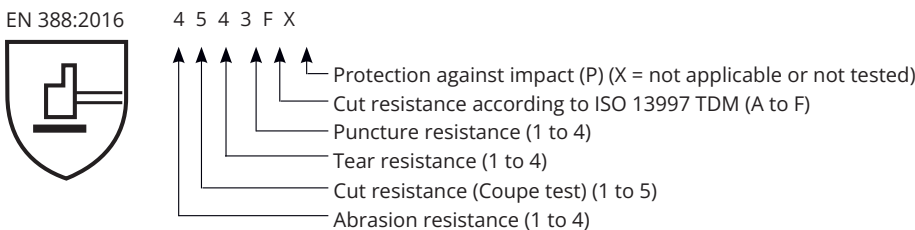


The Deutsche Gesetzliche Unfallversicherung (DGUV – German Social Accident Insurance) has published specific guidelines defining the minimum requirements for TH gloves in accordance with European Committee for Standardization EN 388:2016. The required performance levels are as follows:

- 3 2 3 3 X
- 3 X 3 3 B
- 3 2 3 3 B

These values indicate, in chronological order, the performance levels for abrasion resistance, cut resistance, tear resistance, puncture resistance and the TDM cut test. The letter “X” indicates that the respective test has not been carried out.

Particularly in the area of cut protection, we consider higher performance levels than the required minimum Level 2B to be essential. For this reason, all ESKA gloves significantly exceed the minimum requirements for cut resistance, achieving test results up to Level 4C and even the highest performance Level 5F – both when new and after repeated washing cycles.



PATENTS

Protected knowledge and certified quality.

Patented processing of the insert



Heat-resistant gloves are usually made up of several layers.

The waterproof inserts (welded membrane) are moulded to the shape of the glove and are permanently waterproof, breathable and thermally stable. When an insert and inner lining are incorporated into the glove, there is a risk that the lining may come loose and/or slip when the glove is put on or taken off quickly.

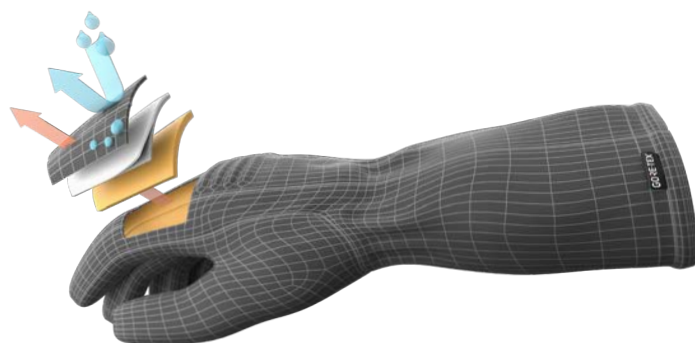
We have addressed this problem and developed a patented process. The integration of the inner lining, the securing of the insert and the bonding to the outer shell are carried out in accordance with the proven ESKA patent to permanently prevent the lining from coming loose. Our patented construction thus ensures smooth putting on and taking off, a secure fit of the shell and, at the same time, withstands heavy mechanical stress and machine washing.

GORE-TEX & GORE-TEX CROSSTECH®

Firefighting gloves with GORE-TEX inserts are certified to EN 659 and are the right choice when it comes to firefighting. Thanks to the integrated GORE-TEX glove insert, they are permanently waterproof and highly breathable. This means not only protection against moisture, but also protection against increased heat transfer caused by damp insulation. The inserts significantly reduce the risk of burns caused by hot steam penetration. At the same time, the inserts are thermally stable, remain resistant after contact with liquid chemicals in accordance with EN ISO 6530, and are highly durable.

GORE-TEX 3-layer

Firefighting gloves featuring the 3-layer GORE-TEX glove insert are ideal for standard firefighting operations. The insert, which is pre-formed to the shape of the glove, has taped seams and is permanently sewn to the outer material and the insulating inner lining of the protective glove using special sewing tabs.



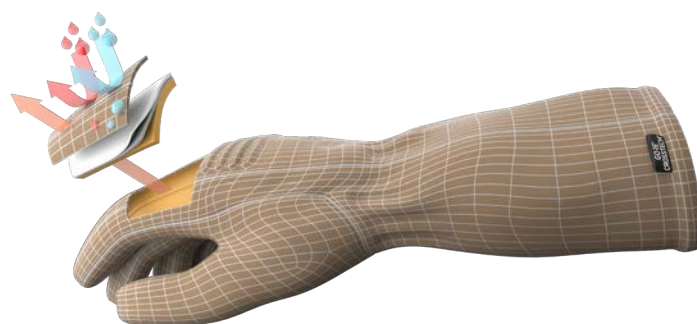
GORE-TEX + GORE Grip Technology

When a "higher degree of tactility and dexterity is required during firefighting operations, GORE-TEX gloves with Gore Grip technology are the ideal solution. The pre-formed, 1-layer GORE-TEX membrane insert is extremely thin and durable; its heat-sealed seams are flexible and imperceptible. The inner layer does not slip, making the gloves easy to put on and take off. Firefighting gloves with GORE-TEX + Gore Grip technology offer a secure and precise grip when handling equipment.



GORE-TEX CROSSTECH® INSERTS

If a risk assessment indicates that permanent protection against blood and bodily fluids is required, protective gloves with GORE-TEX CROSSTECH® glove inserts are the right solution. GORE-TEX CROSSTECH® glove inserts provide a durable barrier against blood and bodily fluids and offer protection against the penetration of liquid chemicals (EN ISO 6530 or ISO 13994) combined with thermal stability. At the same time, they remain permanently waterproof and breathable – even after contamination or washing.



The GORE-TEX CROSSTECH® Grip Insert is used in the Siga PBI 5F and Phönix 5F firefighter gloves. GORE-TEX CROSSTECH® Grip technology also offers an outstanding combination of protective properties and improved performance in terms of tactile sensitivity and grip.



FOLLOW US!



@eskagloves_onfire

MATERIALS AND TECHNOLOGIES



PBI fibre is inherently flame-resistant. As a result, all PBI fabrics offer proven high levels of protection against heat and flame, setting new standards in the field of fire-fighting protective clothing.

PBI fabrics do not melt, shrink or break apart after being exposed to heat and flames. They therefore maintain the integrity of the fire-resistant suit, giving firefighters more time to reach safety. PBI fabrics have excellent strength and offer a long service life. They are **lightweight, soft, supple and flexible**, and are very comfortable to wear.

PBI fabrics are **highly washable** and available in a range of colours. For more information, visit www.pbi-int.com.



DuPont™ Nomex® fibres are **revolutionary heat- and flame-resistant** fibres. They protect those who put their lives on the line every day, offering high levels of comfort and minimal weight whilst providing the **highest level of protection**.

When exposed to intense heat, Nomex® changes its fibre structure so that more **thermal energy is absorbed by the fabric**, giving the wearer precious seconds before the heat penetrates the fabric. Aramid fibres do not melt at high temperatures, but begin to char at around 400 °C.

For more information, visit www.dupont.com.



Kevlar® is constantly driving innovation in **mechanical and thermal protection** and continues to revolutionise hand protection. Kevlar® is a **high-quality para-aramid** fibre that offers high tensile strength despite its low specific weight.

The fibres are incorporated into fire-fighting gloves and into military and police gloves. Kevlar® is resistant to chemicals and has excellent abrasion resistance. The fibre is characterised by outstanding heat resistance, dimensional stability and low elongation at break.



PROmarble is a coating technology made from **granite, silicone and carbon** that far outshines all previously used coatings (e.g. ceramic, conventional PU or silicone coatings). Only this special composition enables complete surface coverage of the material, offering truly guaranteed and lasting protection against abrasion, water, chemical and oil penetration. Another important advantage is the **significantly improved grip in both dry and wet conditions**.

This environmentally friendly coating is completely solvent-free. The greatest challenge during this multi-year development process was to create a material and a coating that guarantee the highest possible protection (abrasion resistance at the highest performance level 4) and exceptional sensitivity (tactility).



Specially selected wet-blue calf split leather is produced at our partner tannery, Artner, in Upper Austria using a tanning and dyeing process developed in-house. Only the first split is used, which offers significantly higher tear resistance and heat resistance than the second or third splits, which are cheaper but of much lower quality.

This special process guarantees the highest standards in terms of flame resistance, water resistance and shrinkage behaviour. ISO 17493 (sub-test of EN 659:2003) permits shrinkage of up to 5%. All ESKA models are certified to have 0% shrinkage.

All models made from this leather can be machine-washed at 30°C.



This specially finished nappa leather, sourced from cattle, is manufactured in Europe using a specialised process. It is not only **flame-resistant** but also treated to be dirt- and water-repellent.

It offers **excellent protection against heat and mechanical hazards**, whilst feeling supple and comfortable in the hand.

All models made from this leather can be machine washed at 40°C.



For more than 80 years, we have been working closely with the **Lukschal family of knitting experts from Edt near Lambach (Austria)**. Starting with a simple Kevlar lining for the first fire-fighting gloves, one innovation followed another.

Together, we developed a completely new cut-resistant lining made of Kevlar® / Inox / LCP, which guarantees emergency services the highest level of safety even in extreme situations. The lining alone achieves cut resistance level 5 according to EN 388 and level D according to EN ISO 13997; when layered, the highest level F is easily achieved.



The **Rescut™ Fire material** has been specially developed for extreme conditions and, as a palm material, provides a primary cut-resistant barrier. This material prevents penetration towards the lining, which acts as a cut-resistant barrier in conventional models.

The material has proven itself as a palm material for our Flash series for over 15 years. It protects not only the wearer but also the glove itself. By acting as the first cut-resistant barrier within the shell, it significantly extends the glove's service life, allowing them to remain in use for years – providing sustainable and long-lasting protection.

Rescut™ Fire material **combines heat protection with cut resistance** whilst offering the highest level of grip and tactile sensitivity.



LENZING™ FR is a sustainably produced, cellulose-based speciality fibre made from the **natural raw material wood**. It serves as a key component in modern protective textiles and is specifically combined with high-performance fibres to develop **high-performance blended fabrics** for a wide range of industrial applications.

It is only through this combination that protective materials with high heat resistance and permanently flame-retardant properties are created. At the same time, LENZING™ FR contributes to a comfortable fit, good moisture management and a soft feel. This makes the fibre ideal for **high-quality protective clothing** that combines safety, comfort and sustainability.



Porelle® inserts are a range of microporous PU, hydrophilic PU and PTFE bicomponent technologies designed for lamination in 2-, 3- or 4-layer constructions.

Their design meets the requirements of the technical glove market.

They provide a **high level of protection** that meets industry requirements, whilst remaining **extremely soft and flexible**, ensuring that the glove's dexterity and tactile sensitivity are not compromised.



The specially developed AraTec material, with a PU coating on the palm, offers **maximum cut and abrasion protection** and provides reliable protection against pointed objects, sharp edges and splinters.

Thanks to its high proportion of durable Aramid fibres, the material offers exceptional **robustness and a long service life** – even under intensive daily use. At the same time, the textured surface ensures excellent grip, in both dry and wet conditions. As a result, AraTec enables precise and safe working without compromising on comfort or hand mobility.



In 1989, we began introducing a completely new, unprecedented **three-dimensional cut and manufacturing technique** to the market, thereby sparking a global revolution, particularly in the fire service sector.

Our gloves in the **3D "Ergonomic Cut"** are **three-dimensionally adapted to the natural hand position**, perfectly pre-shaped and cut to fit. The palm and back of the hand are offset to create a slight inward curve. This ensures maximum comfort and tactile sensitivity.

There are still gloves manufactured using the so-called 'Gun Cut'. This simpler cut, which is therefore cheaper to produce, is a one-dimensional shape that does not correspond to the natural posture of the hand and therefore cannot provide an optimal fit.



The new **ergonomic knuckle protector**, developed in-house by ESKA, is made from a special flame-resistant compound containing carbon and provides **optimum protection against impact, shock and heat build-up in the back of the hand**. The protector features an ergonomic fit, with four different sizes tailored for the left and right gloves.

The use of the patented protector within the overall design of the product guarantees unrivalled protection and is used in selected glove models.



All firefighting gloves are, or will be, gradually fitted with **easyfit technology**. On our models with a belt or flap (longcuff designs), **pull tabs** are fitted on both the palm and back of the hand – on our Knit Cuff (knitted cuff models) only on the palm side – are fitted with pull tabs to enable quick donning with optimal grip.

The loops are designed so that they can be easily operated even when wearing firefighter gloves. Furthermore, they are tear-resistant and permanently sewn in place. However, the loops are not only excellent as donning aids, but also **offer the option of attaching the gloves to operational clothing** using carabiners and will gradually replace the D-rings previously fitted at the cuff ends.



The innovative easylift technology in the fingertips **significantly improves the grip and fine motor skills** offered by the glove.

The specially developed lining features raised grooves and an integrated lip, enabling even small or difficult-to-grip objects to be picked up safely, precisely and with control. This makes it considerably easier to grip cables, hydrant wrenches or other objects requiring fine motor skills, and supports fast, safe and efficient work in the field.

The easylift technology has been very thoughtfully integrated into the glove, ensuring that full freedom of movement is maintained and that it is barely noticeable.



The integrated easytouch technology **on the little finger** enables simple and reliable operation of touchscreens and smart devices without having to remove the glove.

This means that displays can be operated even whilst on the job, without having to remove the glove. The robust, flame-resistant design of the conductive material ensures long-term, reliable performance and makes day-to-day work easier.



The additional reinforcement in the area between the thumb and the back of the hand provides crucial protection and a clear field of vision.

Made from Fire Block split leather with a soft suede side, this combines two key advantages: on the one hand, the special leather ensures a high level of protection against heat; on the other hand, the soft suede surface is ideal for quickly **wiping and cleaning the helmet visor** whilst on the job. Dirt, soot, water or condensation can thus be removed quickly, ensuring that, thanks to our easyview technology, **a clear view is guaranteed at all times**.



The revolutionary flap quick-release cuff allows for **particularly quick, secure and comfortable** fastening over the operational jacket.

The innovative fastening system can be opened and closed in just a few simple steps and ensures a reliable fit even during demanding operations. The integrated grip ensures easy operation – even when wearing protective gloves. This makes putting on and taking off the gloves much easier, whilst at the same time ensuring a secure fit and a high level of comfort throughout the entire operation.



The **flame-resistant, width-adjustable** single-strap system allows the glove to be securely and individually fastened **over the operational jacket** and ensures a secure fit even during vigorous movement.

Thanks to the simple width adjustment, the strap can be quickly adapted to different clothing thicknesses and wearing requirements. The **reinforced strap end** reliably prevents the strap from fraying, thereby increasing its durability. At the same time, the sturdy end serves as a practical grip, making it easier to put on, readjust and remove the strap, even whilst wearing gloves.



The flame-resistant two-strap system allows for a particularly **secure and customisable fit over the operational jacket** and ensures a firm, reliable fit even during intense movement.

Thanks to the two independently adjustable straps, the glove can be optimally **adapted to different sleeve widths and garment thicknesses**, whilst also providing a secure hold at the wrist.

The reinforced strap ends provide reliable protection against the straps fraying and increase the glove's durability. At the same time, they serve as practical grip points, making it much easier to put on, readjust and take off the glove, even when wearing protective gloves.



The high-quality **Kevlar® Knitcuff** cuff provides the perfect finish under the operational jacket and ensures a secure, comfortable fit around the wrist.

Its close-fitting design reliably prevents the ingress of dirt, dust and other foreign particles. At the same time, the robust Kevlar® material offers **high durability** and a long service life, even with intensive use. The elasticated cuff enhances comfort, supports freedom of movement and contributes to improved protection during demanding operations.

THE WASHING

Glove care is part of operational hygiene.



If gloves are labelled as washable in accordance with EN 659:2003 + A1:2008, it is mandatory that the heat tests and mechanical risk tests are carried out following a pre-treatment involving washing. The maximum number of washes tested must be stated both in the user information and on the label. Gloves that are certified without prior washing must be labelled as non-washable. In practice, this means that the washing symbols must be crossed out.

We guarantee 20 washes

To ensure the gloves have the longest possible service life, it is essential that they are handled and cared for correctly. All ESKA textile firefighting gloves are certified to withstand 20 washes at 60°C following a pre-treatment process, in order to guarantee that their mechanical and thermal properties are maintained.

General information and preparation for washing

All models feature labels with care symbols. Further details can also be found in the user information. Using a gentle wash cycle, textile gloves can be washed at 60°C and leather gloves at 30°C or 40°C. Firefighter gloves must be washed separately to prevent foreign materials (e.g. lint) from settling on the surface. Before machine washing, fastenings, particularly Velcro fastenings, must be securely fastened and snap hooks removed. Otherwise, this may cause abrasion and damage to other textiles in the washing machine. Gloves with membranes must not be spun or, if necessary, only spun briefly.



GLOVES MADE OF LEATHER OR CONTAINING LEATHER

These can be washed at 30°C (Fire Block split calf leather) or 40°C (Heat Block nappa leather) WITHOUT detergent. After washing, the leather gloves should be reshaped whilst still wet by slipping your hand inside them. Then hang the gloves up with the fingers pointing upwards or leave them to air dry on a suitable rack. Avoid heat sources such as radiators and ovens at all costs.



TEXTILE GLOVES

Depending on the model, these can be washed at 40°C or 60°C. It is essential to use a phosphate-free mild detergent without fabric softener, optical brighteners, stain removers or bleach. Failure to do so may result in fading, damage to the fibres or damage to the coating. Textile gloves can be dried quickly and easily using a gentle tumble dry cycle or a drying rack.



In principle, all models can also be cleaned using LCO₂; DECONTEX has carried out extensive tests to this end. LCO₂ cleaning uses liquid carbon dioxide instead of water and does not wet the gloves. Under pressure, the odourless gas becomes liquid and absorbs every particle of dirt like a sponge. After a while, the carbon dioxide is released. Now back in its gaseous state, it is stored in a tank and reused in the next wash cycle. As it transitions from a liquid to a gaseous state, the dirt particles are released. You can find more information on this at www.decontex.com.

PRODUCT OVERVIEW

EN 659 PBI



ZEUS PBI 5F
8072/A Flap



ZEUS PBI 5F
8070/A Belt



ZEUS PBI 5F
8071/A Knit Cuff



SIGA PBI 5F PLUS
8068/A Belt



SIGA PBI 5F PLUS
8069/A Knit Cuff



SIGA PBI 5F
8064/A Belt



SIGA PBI 5F
8065/A Knit Cuff

EN 659 TEXTILE



OLYMP 5F
8059/A Flap



OLYMP 5F
8057/A Belt



OLYMP 5F
8058/A
Knit Cuff



PHÖNIX 5F
8051/B Belt



PHÖNIX 5F
8053/B
Knit Cuff



JUPITER 5F
8011/C Belt



JUPITER 5F
8014/C
Knit Cuff



PYRION 5F
8200BA Belt



PYRION 5F
8200KA
Knit Cuff

EN 659 LEATHER | TEXTILE



ODYSSEUS
8300BA Belt



ODYSSEUS
8300KA
Knit Cuff

EN 659 LEATHER



HELIOS 5F
8089/A Flap



HELIOS 5F
8086/A Belt



HELIOS 5F
8087/A
Knit Cuff



MARS WP 5F
8100BA Belt



MARS WP 5F
8100KA
Knit Cuff



MARS 5F
8018/B Belt



MARS 5F
8024/B
Knit Cuff

TH EN 388 + 407



HURRICANE 5F
9559/A



THUNDER 5F
9557/A



FLASH
9553/AB



PRUTOS 5F
9552/B

TH EN 388



FORCE WP
9598WPA



FORCE 2
9591/A



FORCE 1 LUKAS
9598L/A



FORCE 1
9598/A



WORK 2
9590/A



WORK 1
9599/A

PROTECTIVE COVERS BREATHING AIR CYLINDERS



PROTECTIVE COVER
LEATHER
9600/A



PROTECTIVE COVER
TEXTILE
9601/A

FOLLOW US!



@eska gloves_onfire

eska®

GLOVE REVOLUTION SINCE 1912



ESKA Lederhandschuhfabrik Ges.m.b.H & Co. KG
A-4600 Wels/Thalheim - Am Thalbach 2
T +43 (0) 7242 47 292 - F +43 (0) 7242 68 798
office@eskagloves.com - www.eskagloves.com

  
#eskagloves_onfire
www.eskagloves.com