

# INSTRUCTIONS FOR USE

## FLASH

GUIDE INFORMATION FOR USE

### MODEL: FLASH long



### MODEL: FLASH short



### FIREFIGHTER PROTECTIVE GLOVE ACCORDING TO EN 659:2003+A1:2008

- Palm and back of the hand in fireproof black cow grain leather, leather thickness approx. 1.3/1.5mm - split leather gauntlet, leather thickness approx. 1.4mm
- Eurotex-Insert as moisture barrier (PU membrane) palm and back of the hand in fireproof black cow grain leather, leather thickness approx. 1.3/1.5mm - split leather gauntlet, leather thickness approx. 1.4mm
- Eurotex-Insert as moisture barrier (PU membrane)
- Interlock knitted fabric made of para-aramide as additional insulation in the Hand part (approx. 200 gr/m<sup>2</sup>)
- Gauntlet insulation 70% Nomex®/30% viscose FR, grey melange, (approx. 175gr/m<sup>2</sup>)
- 3M reflective stripes (yellow/silver/yellow) on the back of the gauntlet
- Reversible velcro fastener at cuff entry
- Snap hook and eyelet

The protective gloves meet the requirements of the European PPE re-gulation (EU) 2016/425 and protect against risks that are covered by the standards on which the certification is based. Applied standards are EN 659:2003+A1:2008 (protective gloves for firefighters) and EN 420:2003+A1:2009

### DESCRIPTION

The FLASH model is a firefighter's protective glove developed for firefighting operations where the focus is on technical assistance.

The glove has a safe and pleasant wearing comfort due to its fireproof, black cow grain leather. FLASH shows its strengths particularly when technical assistance is the main focus: robust, heat-resistant grain leather provides optimum protection against mechanical risks and guarantees a long service life.

The gloves are available in sizes 7 - 14.

### APPLICATION

1. The gloves should be used according to its purpose.
2. Before every use, the gloves should be checked for possible damage.
3. Damaged gloves reduce the protective properties. The gloves should be kept clean.
4. Gloves that have become wet must not be dried by means of heating equipment.
5. Improper use of gloves can cause serious injuries or burns. In this case, the manufacturer assumes no responsibility.

As a user of the gloves, please observe the following instructions:

The gloves are only a part of the protective equipment for use. They protect the hands against heat and fire. However, they must not come into contact with open flames. At the same time, the gloves protect against mechanical risks such as abrasion, cuts, tearing and punctures.

In cases where there is a risk of getting caught in moving machine parts, gloves should not be worn.

### TECHNICAL DATA

	REQUEST	RESULT
Abrasion resistance	3	3
Cut resistance	2	5
Tear resistance	3	3
Stitch Strength	3	3
Dexterity	1	4
Burning behaviour	4	4
Convective heat	min. 13.0s	26,8s
Radiant heat	min. 22.0s	27,0s
Contact heat, dry 250°	min. 10,0s	20,6s
Contact heat, wet 250°	min. 10,0s	17,4s
Heat shrinkage	<_5%	3,5%
Seam strength	min. 350 N	617N
Take off glove, dry	<_3s	1s
Take off glove, wet	<_3s	2s
Chemical Penetration	no penetration	pass

# INSTRUCTIONS FOR USE

## FLASH

### GUIDE INFORMATION FOR USE

#### CERTIFICATION

Notified certification body for personal protective equipment:  
(PSA): MIRTAKONTROL d.o.o.  
Gradiska 3-HR-10040 Zagreb Durava  
NB 2474  
test report no.: OZO271-CPT007/19

#### GLOVE SIZES

The glove sizes correspond to the application.  
The gloves cover the hand and, depending on the cuff length, parts of the forearm.

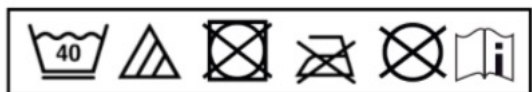
#### STORAGE

Store in a ventilated room, preferably protected from light and dry

#### LIABILITY

We accept no liability for damage caused by the non-targeted use of the PPE or by any use that does not comply 100% with the instructions for use given below. Please contact the manufacturer for further information regarding care instructions, repair and safe disposal methods.

#### WASH INSTRUCTIONS



· according to washing expert opinion Lars Reuter (Master Textile Cleaner, Hamburg)

#### DECLARATION OF CONFORMITY

The declaration of conformity for this protective glove can be found at:  
[www.penkert.com](http://www.penkert.com)

#### CLEANING INSTRUCTIONS

Please take the following from the sewn-in identification label

#### GENERAL INFORMATION

The results stated in the test report are based on laboratory tests carried out exclusively on unused gloves. Transferring the results to gloves after care treatment requires appropriate tests to be carried out.

The glove offers protection against puncturing with pointed objects in the sense of DIN EN 388:2016, but there is no protection against pointed objects such as injection needles.

The glove offers some protection against accidental contact with chemicals, but is not a protective glove against chemicals and microorganisms in the sense of DIN EN 374-1:2016+A1:2018.

We also point out that firefighter gloves should fit with the sleeves of the protective clothing so that the skin is not exposed when the arms are stretched out.

#### CHECK

An optical check for dirt and damage is essential. Damaged gloves must be discarded. The expiration time depends on the degree of wear, use and area of application.

The clothing has a shelf life of at least 5 years from the date of manufacture. Non-compliance with the notes/regulations listed in this manual and individual stress during use may reduce the durability of PPE.

#### PICTOGRAMS

