MoG
Masters of Gloves

Fajro

3-in-1 firefighting glove

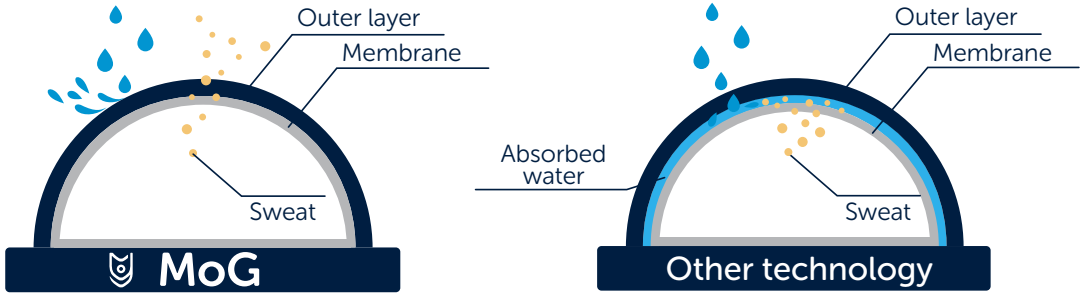
Due to its unique characteristics, features and layer structure, the MoG Fajro 7101 is the **very first 3-in-1 firefighting glove** that can be used for:

- Fire fighting
- First aid
- Supportive work

Laminated structure

The glove is made of 4 different layers, including the patented OutDry® technology that is exclusively used in the MoG Fajro 7101. The lamination of the layers gives the glove its unique features:

- No heat transfer between the layers
- Almost no water absorption
- Still breathable > no clammy hands
- Dirt repellent
- Very thin feeling



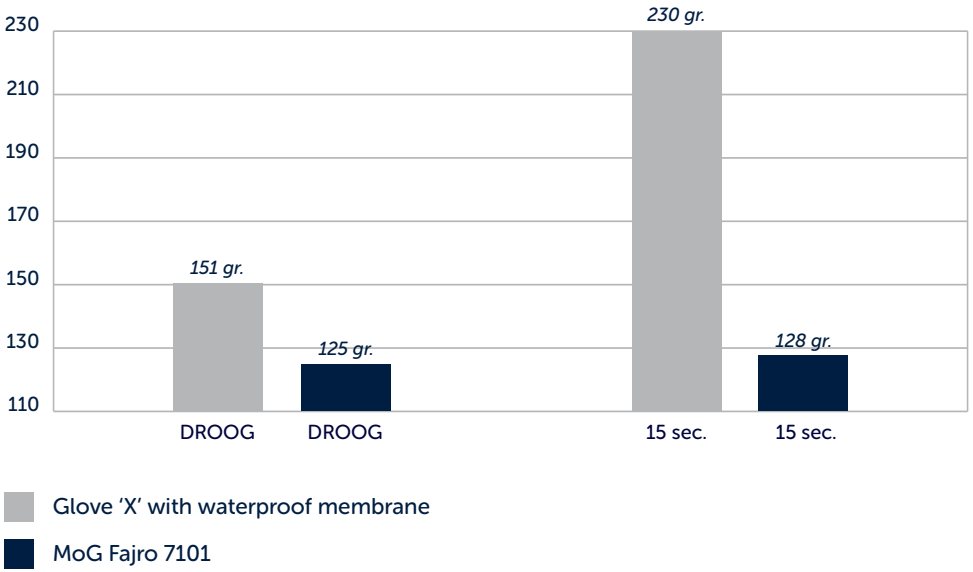
Extremely strong

All materials used in the firefighting gloves are chosen with high care and with the vision to create a highly durable, tough and strong glove. That is the reason why the gloves can be used in tough and supportive conditions where the hands are the most important tools.

The palm and a part of the back are made out of very strong Silicon Kevlar fabric with 360° cut protection level D. They prevent the hand of being injured by sharp objects during firefighting and supportive work.

Immersing test

The immersing test has been done using a similar firefighting glove with a waterproof membrane which is commonly used on the market (glove 'X') and the MoG Fajro 7101. The graph below clearly shows that the MoG Fajro hardly absorbs any water after 15 seconds with only a slight increase of 3 grammes. Glove 'X' on the other hand has an immense increase of 52% of its basic weight.



Materials

A. Silicon Kevlar fabric with extremely high durability - 360° cut protection
B. Flame retardant silver reflector
C. Flame retardant fluorescent piping
D. Connection ring and hook
E. Kevlar ribnet
F. Useful strap in flame retardant cow leather

Extra

+ Elasticated wrist
+ Fully stitched with Kevlar thread
+ Waterproof with unique membrane
+ Size indication on leather strap
+ Kevlar lining
+ Laminated layers
+ Sizes 6 - 13
+ Patent pending

EN 659+A1
= Protective gloves for firefighters

EN420
= Basic demands for protective gloves

EN 388:2016 | 3 5 4 3 D
= Protection against mechanical risks
Abrasion resistance (level 1-4)
Cut resistance (level 1-5)
Tear resistancy (level 1-4)
Puncture resistancy (level 1-4)
ISO cutting test (level A-F)

EN 407:2004 | 4 2 4 2 X X
= Protection against heat and/or fire
Burning behavior (level 1-4)
Contact heat (level 1-4)
Convection heat (level 1-4)
Radiant heat (level 1-4)

SIZE			(A) FULL LENGTH (MM)	(B) PALM LENGTH (MM)
6	XS	left	315	228
		right	313	227
7	S	left	320	235
		right	322	240
8	M	left	330	245
		right	332	245
9	L	left	340	250
		right	340	251
10	XL	left	350	260
		right	345	255
11	2XL	left	355	270
		right	357	270
12	3XL	left	362	275
		right	364	276
13	4XL	left	370	282
		right	375	285

EN 420:2003+A1:2009

EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for color	PASS	
EN 420	Length	PASS	
EN 420	Dexterity	PASS	Level 4

EN 407:2004

EN ISO 6941	Burning behaviour	PASS	Level 4
EN 702	Contact heat	PASS	Level 2
EN ISO 6942:2002 B	Radiant heat	PASS	Level 2
EN 388 6.1	Abrasion	PASS	Level 2
EN 388 6.3	Tear resistance	PASS	Level 4

EN 388:2016

EN 388 6.1	Abrasion	PASS	Level 3
EN 388 6.2	Cut resistance	PASS	Level 5
EN 388 6.3	Tear resistance	PASS	Level 4
EN 388 6.4	Puncture resistance	PASS	Level 3
ISO 13997	Cut resistance	PASS	Level D

EN 659:2003+A1:2008

EN 388 6.3	Tear resistance		Level 4
EN 388 6.4	Puncture resistance	PASS	Level 3
EN 659 3.15	Removal of the gloves	PASS	
ISO 15383	Whole glove integrity test	PASS	
EN ISO 6530	Resistance to liquid chemical penetration - o-xylene	PASS	
ISO 17493	Heat shrink	PASS	
EN 420	Finger sensitivity	PASS	Level 4
EN ISO 13935-2	Seam strength	PASS	
EN 420	Size	PASS	
EN 388 6.1	Abrasion	PASS	Level 3
EN 388 6.2	Cut resistance	PASS	Level 5
EN ISO 6530	Resistance to liquid chemical penetration - 30% H2SO4	PASS	
EN ISO 6530	Resistance to liquid chemical penetration - 40% NaOH	PASS	
EN ISO 6530	Resistance to liquid chemical penetration - 36% HCl	PASS	
EN 407	Burning behaviour	PASS	Level 4
EN 367	Convection heat	PASS	Level 4
EN ISO 6942	Radiant heat	PASS	Level 2
EN 702 250°C	Contact heat	PASS	Level 2

In application of the Regulation (EU) 2016/425 of 9 March 2016 concerning the harmonization of the Member States legislation relative to personal protective equipment, Centexbel Notified body 0493 authorized by the FPS Economy (Federal Public Services) has issued the following:

EU TYPE EXAMINATION CERTIFICATE

Nr. 031/2018/1413

This EU Type examination certificate is valid until 16 Aug 2023

to: **Masters of Gloves bv, Nieuwegein**

for: **The Gloves MoG FAJRO 7101**

The personal protective equipment above mentioned satisfies the applicable essential safety requirements of the Regulation (EU) 2016/425.

For the argumentation, the following standards are used:

EN 420:2003+A1:2009	Protective gloves - General requirements and test methods
EN 407:2004	Protective gloves against thermal risks (heat and/or fire)
EN 659:2003+A1:2008	Protective gloves for firefighters
EN 388:2016	Protective gloves against mechanical risks

If there is a former EC Type examination certificate according to the Directive 89/686/EEC this certificate remains valid until 21 April 2023 unless it expires before that date, for products that were manufactured before the issuance of this new EU Type examination certificate according to the Regulation (EU) 2016/425.

This is PPE of category III, subject to regular checks in accordance with article 19 of the European PPE Regulation. In agreement with the manufacturer's choice supervised product checks at random intervals shall be carried out to assess the quality of the final product (Module C2). The manufacturer must be able, on request, to present the test report of this quality control check. A first quality control check shall be performed at the latest on 31 Dec 2019 and at least be repeated with intervals of one year.

This declaration applies to the equipment as submitted in the type testing and described in the manufacturer's technical documentation (As described in 2016/425 Annex III) that is registered with number 10875.

Issued by Centexbel, Notified Body 0493(*), in Ghent, on 16 Aug 2018

Jan Laperre
Certification Manager

Attached: 1 Annex

*)Recognized by FPS Economy (Federal Public Services)

CENTEXBEL • TEXTILE COMPETENCE CENTRE

Technologiepark 7 • BE 9052 Gent • Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be • www.centexbel.be

VAT • BE 0459 218 289 • IBAN • BE 44 2100 4729 6545 • BIC • GEBABEBB

INRICHTING ERKEND BIJ TOESPASSING VAN DE BESLUITWET VAN 30 JANUARI 1947 / ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRÊTE-LOI DU 30 JANVIER 1947

MoG FAJRO 7101

MoG FAJRO 7101-L

Soon available: MoG Fajro 7101 desert
+ MoG Fajro 7101-L desert

Masters of Gloves

We create tailor made gloves!
What's your challenge?

contact your glovemaster

Jasper Decock

+32 (0)494 41 42 43

jasper@mastersofgloves.eu