



Notified body N° 0075

EC-TYPE EXAMINATION CERTIFICATE

The following model of Personal Protective Equipment has been subjected to an EC-type examination in accordance with the article 10 of the PPE Directive (89/686/EEC) and has been shown to satisfy the relevant provisions of the Directive.

Certificate N°

0075/1696/162/08/15/0881

Is given to the following model of personal protective equipment :

**Issued to :** Shanghai Uniwise International Co.,Ltd  
2nd Floor No.99 Jian Hao Road, Pudong Shanghai

**Distributor :** China  
/

**Product reference :** DG438

**Description :**

**PPE Type :** *Protective gloves against mechanical risks, thermal risks.*

**Reference standard :** *EN 388 : 2003, EN 407 : 2004.*

**Category :** *II*

Full description of the PPE, reference rules verified in the context of the EC-type examination and information given on the product are detailed in the complete certificate N°0075/1696/162/08/15/0881.

**Issued in Lyon by** Lionel Gaudillere  
Head of CE marking

**Date of issue :** August 28th, 2015



In application of the Directive ref 89/686/EEC of the 21th December 1989, concerning the alignment of member state legislation relating to personal protective equipment and the decree N°92-765, 766 and 768 of the 29th July 1992 concerning the transposition of this Directive into French law. CTC is notified by decree of the Ministry of work of the 20th December 2010 and is registered under the number 0075 in OJEU.



4 rue Hermann Frenkel 69367 Lyon cedex 07 FRANCE  
Tel : 33.472.761.010 - Fax : 33.472.761.000 - email : ctclyon@ctcgroup.com – www.ctc.fr  
Comité professionnel de développement économique cuir chaussure maroquinerie  
Siret 77564972600160 – code NAF 9412Z – TVA FR 88775649726





In application of the Directive ref. 89/686/EEC of the 21<sup>st</sup> of December 1989, concerning the alignment of member state legislation relating to personal protective equipment and the decrees n° 92-765, 766 and 768 of 29<sup>th</sup> of July 1992 concerning the transposition of this Directive into French law,

## CTC

4, rue Hermann Frenkel - 69367 Cedex 07 - France  
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authorized by decrees of the Ministry of Work, Employment and Health of the 20<sup>th</sup> of December 2010,  
registered under the number 0075, published in OJEC, delivers :

### EC-TYPE EXAMINATION CERTIFICATE 0075/1696/162/08/15/0881

To the following model of personal protective equipment :

- \* reference of the model : DG438
- \* protective glove against mechanical risks, thermal risks.
- \* Manufacturer :

**Shanghai Uniwise International Co.,Ltd**  
2nd Floor No.99 Jian Hao Road, Pudong Shanghai  
China

Description of the protective glove, reference of technical rules verified in the context of the CE type examination and informations indicated on the product are detailed in the following pages of this certificate.

Drawn up in Lyon, on August 28th, 2015

Issued by Lionel GAUDILLERE



NOTA : Any modification to new items of the personal protective equipment object of this CE type approval certificate or any modification of the information contained in the manufacturer technical file which served for the deliverance of the CE type approval certificate (change of adress, change of company status) should be brought to the attention of the notified body in accordance with law n° R. 4313-38 of the French Code of Work.

## 1. DESCRIPTION OF THE PROTECTIVE GLOVE

According to the technical file index : 01  
 Reference : DG438  
 Basic Model  
 Dated : AUGUST, 2015

DexShell flame retardent gloves

### Available sizes :

7      8      9      10

### Visual description :



### Material :

	Color	Material	Gauges	Thickness
PALM	Black / Grey	Para-aramid, Spandex	10 gauges	
	White	Cotton	10 gauges	
		PU film		
BACK	Black / Grey	Para-aramid, Spandex	10 gauges	
	White	Cotton	10 gauges	
		PU film		
LINING				
CUFF	Black / Grey	Para-aramid, Spandex, Elastic	10 gauges	
	White	Cotton	10 gauges	
		PU film		
BINDING				

## 2. PROTECTION SCOPE

**Compliance with the essential requirements of the Directive 89/686/EEC has been verified by using following technical rules:**

- \* EN 420:2003+A1:2009 - General requirements for gloves and test methods
- \* EN 388:2003 - Protective glove against mechanical risks
- \* EN 407:2004 - Protective gloves against thermal risks
- \* At the date of certificate, the product is in compliance with Annex XVII of European REACH regulation (552/2009/EC and associated revisions)
- \* This product is a category II.

**References of test reports performed in order to verify the compliance with the requirements of the technical rules :**

Laboratory	CTC	Other
EN 420	S150805710	
Azo	S150805710	
EN 388	S150805710	
EN 407	S150604553_2	
OTHER	S150503967 (BDE), S150805710 (DMFu, Tin, PFOS)	

**Performance levels offered against mechanical risks (EN 388:2003) are:**

Abrasion resistance	Blade cut resistance	Tear strength resistance	Puncture resistance
1	5	4	X

The levels of performance have been measured on the palm

« X » means that the test hasn't been performed ; no protection is required

**Performance levels offered against thermal risks (EN 407:2004) are:**

Burning behaviour	Contact heat	Convective heat	Radiant heat	Small splashes of molten metal	Large quantities of molten metal
4	1	3	1	X	X

### 3. MARKING

Each glove is clearly marked with the following information:

- \* Logo of the authorized representative:
- \* **CE** marking
- \* reference of the model: DG438
- \* size
- \* pictogram for mechanical risks followed by the performance levels
- \* pictogram for thermal risks followed by the performance levels
- \* information pictogram

Marking example:

# DexShell

EN388



154X

EN407



4131XX



Ref: DG438



Size: 7

## Shanghai Uniwise International Co.,Ltd

# MANUFACTURER'S TECHNICAL FILE

<b>Reference of the product</b>	:	<b>DG438</b>
<b>Technical file index</b>	:	<b>01</b>
<b>Last update</b>	:	<b>AUGUST, 2015</b>

## IDENTIFICATION

Reference of the product :	:	DG438
Basic model		
Technical file index :	:	01
Last update :	:	AUGUST, 2015

### **Manufacturer :**

Shanghai Uniwise International Co.,Ltd

2nd Floor No.99 Jian Hao Road, Pudong Shanghai

China

tel : 021-20955228

fax : 021-20955298

### **Factory :**

Shanghai Uniwise International Co.,Ltd

2nd Floor No.99 Jian Hao Road, Pudong Shanghai

China

tel: 021-20955228

fax: 021-20955298

## GLOVE DESCRIPTION

### Glove description :

DexShell flame retardent gloves

### Visual description:



### Available sizes :

Minimum length of glove (mm)	Sizes
240	7
260	8
290	9
310	10

### Glove constitution :

	Reference	Color	Material	Surfacic mass	Gauges	Thickness
PALM	Outer part	Black / Grey	Para-aramid, Spandex	664g/m <sup>2</sup>	10 gauges	
	Inner part	White	Cotton	664/m <sup>2</sup>	10 gauges	
			PU film	298g/m <sup>2</sup>		
BACK	Outer part	Black / Grey	Para-aramid, Spandex	664g/m <sup>2</sup>	10 gauges	
	Inner part	White	Cotton	664g/m <sup>2</sup>	10 gauges	
			PU film	298g/m <sup>2</sup>		
LINING						
CUFF	Outer part	Black / Grey	Para-aramid, Spandex, Elastic	1176g/m <sup>2</sup>	10 gauges	
	Inner part	White	Cotton	664g/m <sup>2</sup>	10 gauges	
			PU film	298g/m <sup>2</sup>		
BINDING						



## PROTECTION SCOPE

This glove meets the essential requirements of the Personal Protection Equipment Directive (89/686/CE).

This glove is designed for mechanical risks, thermal risks.  
It is a category II product.

## GENERAL REQUIREMENTS

### **Standard EN 420 : 2003 + A1 : 2009**

Dexterity : 3  
PH of glove and lining is greater than 3.5 and lower than 9.5 : yes  
Chromium VI lower than the detection limit : conform  
Size : conform

At the date of certificate, the product is in compliance with Annex XVII of European REACH regulation (552/2009/EC and associated revisions)

## SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

### **Mechanical hazard EN 388 : 2003**

Protection offered	Performance levels
Abrasion resistance	1
Blade cut resistance	5
Tear strength resistance	4
Puncture resistance	X

The levels of performance have been measured on the palm  
« X » means that the test hasn't been performed ; no protection is required

### **Thermal hazard EN 407 : 2004**

Protection offered	Performance levels
Burning behaviour	4
Contact heat	1
Convective heat	3
Radiant heat	1
Small splashes of molten metal	X
Large quantities of molten metal	X

## TEST REPORTS

Laboratory	CTC	Other
EN 420	S150805710	
Azo	S150805710	
EN 388	S150805710	
EN 407	S150604553_2	
OTHER	S150503967 (BDE), S150805710 (DMFu, Tin, PFOS)	

## MARKING - PACKAGING

### Information printed on the glove :

Logo of the authorized representative :

Logo 

Glove's reference : DG438

Size indicator

Pictograms related to risks against which protection is offered with performance levels

Information pictogram

### Marking example :

# DexShell

EN388



154X

EN407



4131XX



Ref: DG438



Size: 7

### Method of marking on the glove :

Silicon print on the back.

### Packaging :

Plastic pack per pair, 48 pairs per carton.

## MEANS OF CONTROL

All the knitting components and the waterproof membranes that we use for assembly must be inspected strictly by our QC person in accordance with the specifications that we have specified, and to eliminate the metal needles and pins from the beginning of our process.

Our lamination and assembly lines were set up in working stations. Given the hand made process, the workers at assembling stations can only start doing the job when meeting the skills required, so that they can deliver the consistent pieces of works for further lamination process. After lamination, every piece of glove must be tested on the ad hoc leakage testing equipments, to ensure the 100% waterproofing of our performance gloves. The waterproofness of functional barrier is 700 cm hydrostatic head in accordance with BS 3424, part 26:1990, method 29A, and the finished gloves can stand with water pressure at 2 psi.

At the last station, the finished products should be inspected according to our factory specifications and to be paired to guarantee the perfect match to the sizing chart. The products must be put into the carton boxes with clear marks of our inventory software system and keep in order on shelves in our warehouse for error free despatch.

We also get testing reports for textile safety and washing and lamination bonding by TUV with all Pass results.

## INSTRUCTION FOR USE

Shanghai Uniwise International Co.,Ltd

2nd Floor No.99 Jian Hao Road, Pudong Shanghai

China

Glove reference : DG438

Available sizes : 7 8 9 10

### ***Glove description :***

DexShell flame retardent gloves

THIS GLOVE IS A PERSONAL PROTECTIVE EQUIPMENT BELONGING TO THE CATEGORY II.

It meets the requirements of the Directive 89/686/CEE : innocuousness, comfort, solidity.

It has been subject to a CE type Examination performed by :

C.T.C. (0075)  
4, rue Hermann Frenkel  
69367 LYON Cedex 07  
FRANCE

### ***Applicable standards :***

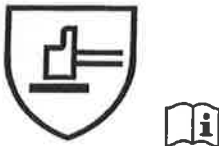
The glove meets the requirements of the standard EN 420 « General requirements for work glove ». Dexterity : 3

Moreover, this glove has been designed for the following applications :

# CE

#### Application :

Mechanical hazard - EN 388



154X

Levels of performance

Abrasion resistance	1	(on 4 maxi)
Blade cut resistance	5	(on 5 maxi)
Tear resistance	4	(on 4 maxi)
Puncture resistance	X	(on 4 maxi)

#### Application :

Thermal risk - EN 407



4131XX

Levels of performance

Burning behaviour	4	(on 4 maxi)
Contact heat	1	(on 4 maxi)
Convective heat	3	(on 4 maxi)
Radiant heat	1	(on 4 maxi)
Small splashes of molten metal	X	(on 4 maxi)
Large quantities of molten metal	X	(on 4 maxi)

## **Protection limit :**

*This glove doesn't give a protection for a temperature over 100°C.*

*This model does not contain any substances at levels that are known to, or suspected to, adversely affect user hygiene or health.*

*The protection against risks or hazards which are not mentioned in this document is not warranted. The levels of performance mentioned are only valid for the palm of the glove. The levels of performance mentioned are only valid for new gloves, not washed, nor regenerated. These levels of performance are obtained from the tests done according to conditions defined by the applicable standards.*

*For gloves with different layers of material, the performance levels are warranted only for the whole glove.*

*This glove shall not be in contact with fire.*

*Users should be warned that gloves should not be worn when there is a risk of entanglement by moving parts of machines.*

## **Storage and cleaning notice**

*Keep in its original packaging, under ordinary temperature and humidity conditions and in clean, covered and ventilated premises.*