



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°**

**0075/1062/162/09/16/1005**

Is given to the following model of personal protective equipment :

**Issued to :** NANO-METRE INDUSTRIAL LIMITED  
14F, ZHONGYI BUILDING, NO. 1040 CAOYANG ROAD, SHANGHAI, P.C.  
200062, P.R. CHINA  
P.R.CHINA

**Distributor :** /

**Product reference :** DY1350NM-H

**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°0075/1062/162/09/16/1005.

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

**Date of issue :** September 05th, 2016



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  
Tel +33 (0)4 72 76 10 10 - Fax +33 (0)4 72 72 76 10 00 - E-Mail : ctclyon@ctcgroupe.com - www.ctc.fr

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 0075/1062/162/09/16/1005

To the following model of personal protective equipment :

- \* reference of the model : DY1350NM-H
- \* protective glove against mechanical risks, thermal risks.
- \* Manufacturer :

#### **NANO-METRE INDUSTRIAL LIMITED**

**14F, ZHONGYI BUILDING, NO. 1040 CAOYANG ROAD, SHANGHAI, P.C.  
200062, P.R. CHINA**

**P.R.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 September 05th, 2016

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 : DY1350NM-H

Basic Model

Dated : SEPTEMBER, 2016

13g nylon/HPPE (high performance polyethylene)/glassfiber liner coated latex on palm glove

### Available sizes :

7 8 9 10 11

### Visual description :



### Material :

	Color	Material	Gauges	Thickness
Palm	black	latex		0.8 mm
	black/white	nylon + HPPE (high performance polyethylene) + glass fiber	13 gauge	
Back	black/white	nylon + HPPE (high performance polyethylene) + glass fiber	13 gauge	
Lining				
Cuff	black/white	nylon + HPPE (high performance polyethylene) + glass fiber + elastic	13 gauge	
Binding	white	polyester		

## 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 REACH regulation (n° 1907/2006 and 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	SH60766-13, S160200903_2	
Azo	SH60766-13, S160200903_2	
EN 388	S160200903_2	
EN 407	S160100016	
OTHER	S160200903_2 (PAHs, Tin, Cad), S160200904 (DMFu), S160301378 (BDE)	

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

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

The levels of performance have been measured on the palm

**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
X	2	X	X	X	X

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

### 3. MARKING

Each glove is clearly marked with the following information:

- \* Logo of the authorized representative:
- \* **CE** marking
- \* reference of the model: DY1350NM-H
- \* size
- \* pictogram for mechanical risks followed by the performance levels
- \* pictogram for thermal risks followed by the performance levels
- \* information pictogram

Marking example:



## NANO-METRE INDUSTRIAL LIMITED

# MANUFACTURER'S TECHNICAL FILE

<b>Reference of the product</b>	:	<b>DY1350NM-H</b>
<b>Technical file index</b>	:	<b>01</b>
<b>Last update</b>	:	<b>SEPTEMBER, 2016</b>

## IDENTIFICATION

Reference of the product :	:	DY1350NM-H
Basic model	:	
Technical file index :	:	01
Last update :	:	SEPTEMBER, 2016

### **Manufacturer :**

NANO-METRE INDUSTRIAL LIMITED

14F, ZHONGYI BUILDING, NO. 1040 CAOYANG ROAD, SHANGHAI, P.C.  
200062, P.R. CHINA

P.R.CHINA

tel : +86 21 52281268

fax : +86 21 52281233

### **Factory :**

PERFECT ROBERT'S (TAI HE XIAN) INDUSTRIAL LTD.

WENTIAN INDUSTRIAL PARK, TAIHE, JIANGXI PROVINCE

P.R.CHINA

tel: +86 796 5376001

fax: +86 796 5376002

## GLOVE DESCRIPTION

### Glove description :

13g nylon/HPPE (high performance polyethylene)/glassfiber liner coated latex on palm glove

### Visual description:



### Available sizes :

Minimum length of glove (mm)	Sizes
230	7
240	8
250	9
260	10
270	11

### Glove constitution :

	Reference	Color	Material	Surfacic mass	Gauges	Thickness
Palm		black	latex	650g/m <sup>2</sup>		0.8 mm
		black/white	nylon + HPPE (high performance polyethylene) + glass fiber	800g/m <sup>2</sup>	13 gauge	
Back		black/white	nylon + HPPE (high performance polyethylene) + glass fiber	800g/m <sup>2</sup>	13 gauge	
Lining						
Cuff		black/white	nylon + HPPE (high performance polyethylene) + glass fiber + elastic	800g/m <sup>2</sup>	13 gauge	
Binding		white	polyester			



## 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 : 5  
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 REACH regulation (n° 1907/2006 and revisions)

### SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

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

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

The levels of performance have been measured on the palm

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

Protection offered	Performance levels
Burning behaviour	X
Contact heat	2
Convective heat	X
Radiant heat	X
Small splashes of molten metal	X
Large quantities of molten metal	X

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

## TEST REPORTS

Laboratory	CTC	Other
EN 420	SH60766-13, S160200903_2	
Azo	SH60766-13, S160200903_2	
EN 388	S160200903_2	
EN 407	S160100016	
OTHER	S160200903_2 (PAHs, Tin, Cad), S160200904 (DMFu), S160301378 (BDE)	

## MARKING - PACKAGING

### Information printed on the glove :

Logo of the authorized representative :

Logo CE

Glove's reference : DY1350NM-H

Size indicator

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

Information pictogram

### Marking example :



### Method of marking on the glove :

screen printing or heat transfer printing on the back of gloves

### Packaging :

12 pairs/polybag, 120 or 240pairs/carton

## MEANS OF CONTROL

We control the quality as per follow:

1. All materials incoming should be inspected by Incoming Quality Control department. Any change of materials should be confirmed by engineering department after passed the test(Normally we use the materials to make some sample and test these samples for the abrasion, cutting , tear and puncture resistance, if there are any unconformity with the original sample, the materials will be rejected).
2. Engineering department design the working instruction for every working station of knitting, dipping and packing, the instructions should be made according to EN standard and client's requirements; all workers should be work as per these instructions.
3. The first sample should be approved by manager of factory before begin production for every order.
4. We'll spot-check the weight of glove shell and measure the length, width of gloves after knitting. any unconformity against the instruction will be fed back to technician who will adjust the knitting machine.
5. We'll spot-check the thickness of coating, size and test the abrasion, cutting , tear and puncture resistance of gloves during and after dipping process, any unconformity against the instruction will be fed back to technician who will improve the process through adjust temperature, speed and formular of coating liquid.
6. The formula of coating should be strictly stable, we check it three times per day.
7. Packing: production department should make the first sample of packing and send it to Manager for approval, Quality Control department will spot-check them before and after production.
8. All products should be inspected strictly before outgoing.
9. we'll send the samples to CTC Asia to re-test the EN388 and EN407 two times per year.

## INSTRUCTION FOR USE

### NANO-METRE INDUSTRIAL LIMITED

14F, ZHONGYI BUILDING, NO. 1040 CAOYANG ROAD, SHANGHAI, P.C. 200062, P.R. CHINA  
P.R.CHINA

Glove reference : DY1350NM-H

Available sizes : 7 8 9 10 11

#### **Glove description :**

13g nylon/HPPE (high performance polyethylene)/glassfiber liner coated latex on palm glove

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 : 5

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

#### Application :

Mechanical hazard - EN 388



4544

Levels of performance

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

#### Application :

Thermal risk - EN 407



X2XXXX

Levels of performance

Burning behaviour	X	(on 4 maxi)
Contact heat	2	(on 4 maxi)
Convective heat	X	(on 4 maxi)
Radiant heat	X	(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.*

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

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

*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.*