



# EU-TYPE EXAMINATION CERTIFICATE



The following model of Personal Protective Equipment has been subjected to an EU-type examination in accordance with the module B of the PPE regulation (2016/425) and has been shown to satisfy to essential health and safety requirements.

**Certificate N°**            **0075/1062/162/04/19/1143**

Issued by CTC, Notified Body N°0075, to the following model of personal protective equipment :

**Manufacturer :**            **NANO-METRE INDUSTRIAL LIMITED**  
ROOM 904, LVDIHECHUANG BUILDING, NO.450,CAOYANG ROAD,  
SHANGHAI, P.C.200063, CHINA  
P.R.CHINA

**Description**

**PPE Type :**                    *protective glove against mechanical risks*

**Product reference :**        **DY110DG-PU**

**Article code :**                /

**Glove description :**        **13 gauge UHMWPE & Nylon knitted liner coated PU on palm glove**

**Available sizes :**            **6 7 8 9 10 11**

**Pictures :**



**Reference standard :**

**Levels of performance / class of protection**

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

-

**EN 388:2016**

**4 X 4 2 B**

« X » indicates that the glove has not been submitted to the test or the test method appears not to be suitable for the glove design or material.

**At the date of certificate the product is in compliance with Annex XVII of REACH regulation (n° 1907/2006 and revisions)**

Full description of the PPE, reference rules verified in the context of the EU-type examination and information given on the product are detailed in the manufacturer's technical file and the Instruction for use index 01 dated from APRIL 2019

NOTA : Any modification to new items of the personal protective equipment object of this EU type approval certificate or any modification of the information contained in the manufacturer technical file which served for the deliverance of the EU type approval certificate (change of address, change of company status) should be brought to the attention of the notified body in accordance with Annex V 57.2 of Regulation 2016/425.

**Issued in Lyon by**  
**Lionel GAUDILLERE**  
**PPE Certification Manager**

**Date of first issue :** 08 April 2019  
**End of validity date :** 08 April 2024



Original CTC



In application of the Regulation 2016/425 of the European parliament and the Council of 9th March 2016 related to Personal Protective Equipment and repealing the Directive 89/686/EEC.

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Loi 78-654 du 22.06.1978 - Siret 77564972600160 - Code NAF 9412Z - TVA FR 88775649726

## NANO-METRE INDUSTRIAL LIMITED

# **MANUFACTURER'S TECHNICAL FILE TO THE PPE REGULATION 2016/425**

<b>Reference of the product</b>	:	<b>DY110DG-PU</b>
<b>Article code</b>	:	<b>/</b>
<b>Technical file index</b>	:	<b>01</b>
<b>Last update</b>	:	<b>APRIL 2019</b>

## IDENTIFICATION

Reference of the product : : DY110DG-PU  
Article code : : /  
Basic Model  
Technical file index : : 01  
Last update : : APRIL 2019

### **Manufacturer :**

NANO-METRE INDUSTRIAL LIMITED

ROOM 904, LVDIHECHUANG BUILDING, NO.450,CAOYANG ROAD, SHANGHAI,  
P.C.200063, 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

### General glove description :

13 gauge UHMWPE & Nylon knitted liner coated PU on palm glove

type of coating finish : smooth

### Visual description (picture back and palm sides) :



### Field of use

Glass handling operations, General maintenance, wood working, sheet metal handling, transportation and warehousing

Risk assessment (Essential Health and Safety Requirement. Annex II - PPE Regulation)			
		Applicable	Covered by
§1	Requirements defined in the Annex II §1 are applicable to all PPE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§1.4	Manufacturer's instructions and information is available	<input checked="" type="checkbox"/>	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking
§2.5	PPE which may be caught up during use	<input checked="" type="checkbox"/>	<input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking
§2.12	PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking
§3.3	The PPE is intended to protect against mechanical injuries	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking

### Available sizes :

Minimum length of glove (mm)	Sizes
220	6
230	7
240	8
250	9
260	10
270	11

## **Glove constitution :**

	Reference	Color	Material	Surfacic mass	Gauges	Thickness
Palm		Grey	PU	560g/m2		1mm
		white / black	UHMWPE + nylon	800g/m2	13 gauge	
Back		white / black	UHMWPE + nylon	800g/m2	13 gauge	
Cuff		white / black	UHMWPE + nylon + elastic	800g/m2	13 gauge	
Binding		black	polyester			

## **PROTECTION SCOPE**

This glove meets the essential requirements of the Personal Protective Equipment Regulation 2016/425.  
This glove is designed for against mechanical risks.  
It is a category II product.

## **GENERAL REQUIREMENTS**

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

Dexterity : 5  
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 : 2016**

<b>Protection offered</b>	<b>Performance levels</b>
Abrasion resistance	4
Blade cut resistance	X
Tear strength resistance	4
Puncture resistance	2
Cut Resistance method (EN ISO 13997)	B
Impact Protection	-

The levels of performance have been measured on the palm  
« X » indicates that the glove has not been submitted to the test or the test method appears not to be suitable for the glove design or material.


## TEST REPORTS

Laboratory	CTC	Other
EN 420 + innocuousness	S160909202_1(CAD) S160707289_1 S180302920_1( DMFU) SH61123-14	
EN 388	S170506185_1 S180303254_1	

## MARKING - PACKAGING

### Information printed on the glove :

Logo of Manufacturer :

Logo 

Glove's reference : DY110DG-PU

Article Code : /

Size indicator

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

Information pictogram

Address of Manufacturer :

Date of Manufacture (month/year) and/or Serial number :

### Marking example :



### Method of marking on the glove :

screen printing on the back of gloves

### Packaging :

12 pairs/polybag, 120pairs/carton

### PPE subject to ageing :

The design performance can not be significantly affect by ageing when stored in appropriate conditions (humidity, temperature, clean , ventilated, light).

### Declaration of conformity :

Available on : [www.nmsafety.com](http://www.nmsafety.com)

## 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 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 two times per year.

## INSTRUCTION FOR USE

### NANO-METRE INDUSTRIAL LIMITED

ROOM 904, LVDIHECHUANG BUILDING, NO.450,CAOYANG ROAD, SHANGHAI, P.C.200063, CHINA  
P.R.CHINA

Glove reference : DY110DG-PU

Article code: /

User notice index : 01

Last Update : APRIL 2019

Available sizes : 6 7 8 9 10 11



Size: 9 4X42B

Art. DY110DG-PU

LOT NO. XXX

ROOM 904, LVDIHECHUANG  
BUILDING, NO.450, CAOYANG  
ROAD,  
SHANGHAI, P.C.200063, CHINA

#### **Glove description :**

13 gauge UHMWPE & Nylon knitted liner coated PU on palm glove

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

It meets the requirements of the PPE Regulation 2016/425 applicable from April 21th, 2018 : innocuousness, comfort, solidity.

It has been subject to a UE-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 : 2003 + A1 : 2009 « General requirements for work glove ». Dexterity : 5

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

#### Application :

Mechanical hazard - EN 388 : 2016



4 X 4 2 B

Levels of performance

Abrasion resistance	4	(on 4 maxi)
Blade cut resistance	X	(on 5 maxi)
Tear resistance	4	(on 4 maxi)
Puncture resistance	2	(on 4 maxi)
Cut Resistance method (EN ISO 13997)	B	(A to F)
Impact Protection		

« X » indicates that the glove has not been submitted to the test or the test method appears not to be suitable for the glove design or material.

#### **Protection limit :**

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

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

Before use, the glove shall be visually controlled, in case of deterioration the gloves must be scrapped (abrasion, cut, tear, ...).

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

For gloves with two or more layers the overall classification does not necessarily reflect the performance of the outermost layer.

#### **Storage and cleaning notice**

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

#### **PPE subject to ageing :**

The design performance can not be significantly affect by ageing when stored in appropriate conditions (humidity, temperature, clean , ventilated, light).

#### **Declaration of conformity :**

Available on : [www.nmsafety.com](http://www.nmsafety.com)