



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° 0075/1744/162/12/22/2230

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

Manufacturer : **RICHA N.V.**
Westerring 27, 9700 Oudenaarde
BELGIUM

Description

PPE Type : *Protective garments for motorcycle riders: class of protection A*

Product reference : AIRSUMMER JACKET

Article code : **Black - 2AIRS100, Big Size Black 2AIRSBS100, Light Grey - 2AIRS200, Camel - 2AIRS890, Olive Green - 2AIRS2400, Navy - 2AIRS1400, Anthracite - 2AIRS2000**

Available sizes : **Standard size range : S to 6XL**
Large size range : 8XL - 10XL - 12XL

Pictures :



Reference standard :

Levels of performance / class of protection

EN ISO 13688:2013

-

EN 17092-4:2020

CLASS A GARMENT

At the date of the 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 December 2022

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 §7.2 of Regulation 2016/425. Any marking on the PPE which is not concerned by the Regulation (UE) 2016/425, is not covered by this certificate.

Issued in Lyon by
Didier GUISADO
Certification and Quality Manager

Date of first issue : 21 December 2022
End of validity date : 21 December 2027

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.



Accreditation n° 5-0594
Scope available on:
www.cofrac.fr



www.ctcgroupe.com

cemarking@ctcgroupe.com

CTC - 4, rue Hermann Frenkel - 69367 Lyon cedex 07 - France
Tél: +33 (0)4 72 76 10 10 - Fax: +33 (0)4 72 76 10 00 - ctclyon@ctcgroupe.com

Comité Professionnel de Développement Économique (CPDE) Cuir Chaussure Maroquinerie Ganterie
Loi 78-654 du 22.06.1978 - Siret 77564972600160 - Code NAF 9412Z - TVA FR 88775649726



RICHA N.V.

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

| | | |
|---------------------------------|---|--|
| Reference of the product | : | AIRSUMMER JACKET |
| Article code | : | Black - 2AIRS100, Big Size Black 2AIRSBS100, Light Grey - 2AIRS200, Camel - 2AIRS890, Olive Green - 2AIRS2400, Navy - 2AIRS1400, Anthracite - 2AIRS2000 |
| Technical file index | : | 01 |
| Last update | : | December 2022 |

IDENTIFICATION

| | | |
|--------------------------|---|--|
| Reference of the product | : | AIRSUMMER JACKET |
| Article code | : | Black - 2AIRS100, Big Size Black 2AIRSBS100, Light Grey - 2AIRS200, Camel - 2AIRS890, Olive Green - 2AIRS2400, Navy - 2AIRS1400, Anthracite - 2AIRS2000 |
| This product is a | : | Basic model |
| Technical file index : | : | 01 |
| Last update : | : | December 2022 |

Manufacturer:

RICHA N.V.
Westerring 27, 9700 Oudenaarde
BELGIUM

tel : 0032 55 235326

fax : 0032 55 428110

Factories:

IE MOTO CO LTD
ROOM 202 2FL BASANGGA 124, SANGIL DONG KANGDONG GU
SOUTH KOREA

tel: *00821035202449

GARMENT DESCRIPTION

General description and intended use:

This product is a Jackets and it is a basic model.

This garment is a caterogy II PPE.

This garment is designed for motorcycle riders. It offers a minimum necessary degree of protection from impact and abrasion, using materials and construction that meet lower requirements than for parts 2 and 3 of the EN 17092 series. Class A garments are expected to have the least ergonomic and weight penalties.

Visual description of the garment :



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 type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking |
| §1.4 | Manufacturer's instructions and information is available | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking |
| §2.1 | PPE incorporating adjustments systems | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking |
| §2.2 | PPE is designed and manufactured in a way that perspiration resulting from use is minimised. Otherwise it must be equipped with means of absorbing perspiration. | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input type="checkbox"/> Marking |
| §2.4 | If it is known that the design performance of new PPE may be significantly affected by ageing, the month and year of manufacture and/or, if possible, the month and year of obsolescence must be indelibly and unambiguously marked on each item of PPE placed on the market and on its packaging. | <input checked="" type="checkbox"/> | <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking |
| §2.4 | Where appreciable and rapid deterioration in PPE performance is likely to be caused by ageing resulting from the periodic use of a cleaning process recommended by the manufacturer, the latter must, if possible, affix a marking to each item of PPE placed on the market indicating the maximum number of cleaning operations that may be carried out before the equipment needs to be inspected or discarded. Where such a marking is not affixed, the manufacturer must give that information in his instructions | <input checked="" type="checkbox"/> | <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" 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 |
| §2.9 | PPE incorporating components which can be adjusted or removed by the user | <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 |
| §2.14 | Multi-risk PPE | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking |
| §3.1.1 | The PPE is intended to protect against impact caused by falling or ejected objects and collisions of parts of the body with an obstacle | <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 |
| Specific application | Motorcycle garment | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Instruction for use <input checked="" type="checkbox"/> Marking |

Garment constitution

| | Material reference | Material description | Color | Basis weight or thickness | Present in zone? | | |
|------------------|---|------------------------|-------------|---------------------------|------------------|----|----|
| | | | | | Z1 | Z2 | Z3 |
| Outer material | IEM-MT#12 (POLY 600D 82T P2T BLACK) | 100% polyester | Black | 235 g/m ² | x | x | x |
| | IEM-MT#12-LG (POLY 600D 82T P2T LIGHT GREY) | 100% polyester | Light Grey | 235 g/m ² | x | x | x |
| | IEM-MT#12-NV (POLY 600D 82T P2T NAVY) | 100% polyester | Navy | 235 g/m ² | x | x | x |
| | IEM-MT#12-OG (POLY 600D 82T P2T OLIVE GREY) | 100% polyester | Olive Green | 235 g/m ² | x | x | x |
| | IEM-MT#12-CA (POLY 600D 82T P2T CAMEL) | 100% polyester | Camel | 235 g/m ² | x | x | x |
| | IEM-MT#12-AN (POLY 600D 82T P2T ANTHRACITE) | 100% polyester | Anthracite | 235 g/m ² | x | x | x |
| | IEM-MT#2 (P2M 320-1 MESH BLACK) | 100% polyester | Black | 312 g/m ² | | x | x |
| | IEM-MT#2-LG (P2M 320-1 MESH LIGHT GREY) | 100% polyester | Light Grey | 312 g/m ² | | x | x |
| Lining | IEM-MT#16 (NYLON SPAN) | 80% NYLON, 20% SPANDEX | Black | 200 g/m ² | | | |
| | GEN-MT#159 (Twill ELASTIC BAND) | | Black | | | | |
| | IEM-MT#25 (POLY MESH C-008 BLACK) | 100% polyester | Black | 70 g/m ² | | | |
| | IEM-MT#22 (POLY MESH C-008 SILVER) | 100% polyester | Silver | 70 g/m ² | | | |
| Pocket | IEM-MT#24 (210T TAFFETA 4000MM PU) | 100% polyester | Black | 75 g/m ² | | | |
| Protector pocket | IEM-MT#13 (POLY 300D P2T) | 100% polyester | Black | 152 g/m ² | | | |
| | GEN-MT#47 (VELCRO (HOOK & LOOP) 0,75 INCH) | 100% nylon | Black | | | | |
| Collar | IEM-MT#31 (MICRO FIBER (PEACH FABRIC)) | 100% polyester | Black | 120 g/m ² | | | |
| | IEM-MT#38 (NEOPRENE) | | Black | | | | |
| | IEM-MT#20 (5MM SPONGE) | 100% PU | White | 0,85 g/m ² | | | |
| Button | GEN-MT#244 (SPRING SNAP BLACK BUTTON) | | Black | | | | |
| | GEN-MT#252 (BUTTON 7050 15MM) | | Metallic | | | | |
| Zip | GEN-MT#39 (YKK VISLON #8 O/E AUTO) | | Black | | | | |
| | GEN-MT#178 (#5 YKK NYLON CLOSE DALH SLIDER) | | Black | | | | |
| | GEN-MT#12 (YBS CONNECTION ZIP #8) | | Black | | | | |
| | GEN-MT#14 (YKK NYLON ZIP #5 (close end) | | Black | | | | |

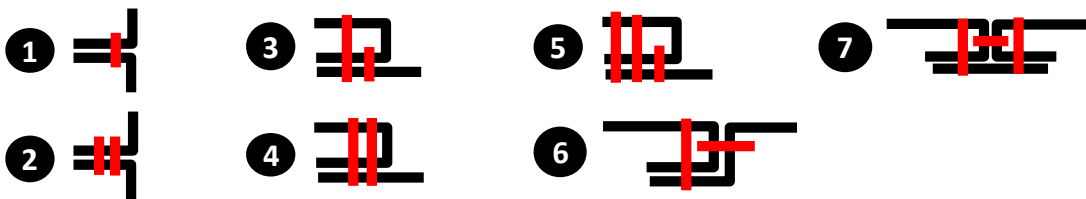
Material combinations

| | Material reference | Combination present in zone? | | |
|------------------------|----------------------------------|------------------------------|--------|--------|
| | | Zone 1 | Zone 2 | Zone 3 |
| Material combination 1 | IEM-MT#12 - POLY 600D 82T P2T | X | X | X |
| | IEM-MT#25 - POLY MESH C-008 | | | |
| Material combination 2 | IEM-MT#2 (P2M 320-1 MESH) | | x | x |
| | IEM-MT#25 - POLY MESH C-008 | | | |
| Material combination 3 | IEM-MT#12 - POLY 600D 82T P2T | | x | x |
| | IEM-MT#12 - POLY 600D 82T P2T | | | |

Description of the seams

| | | Reference | Seam type | Zone 1 | Zone 2 | Zone 3 | Protector pocket |
|--------|------------|--|-----------|--------|--------|--------|------------------|
| Seam 1 | Material 1 | CENTRAL ZIPPER | | | | X | |
| Seam 2 | Material 1 | IEM-MT#12 - POLY 600D 82T P2T + | | X | X | X | |
| | Material 2 | IEM-MT#12 - POLY 600D 82T P2T: 6mm from edge | | | | | |
| Seam 3 | Material 1 | IEM-MT#12 - POLY 600D 82T P2T + | | | X | X | |
| | Material 2 | IEM-MT#2 - P2M 320-1 MESH : 6mm from edge | | | | | |
| Seam 4 | Material 1 | IEM-MT#2 - P2M 320-1 MESH + | | | | X | |
| | Material 2 | IEM-MT#2 - P2M 320-1 MESH: 2mm from edge | | | | | |
| Seam 5 | Material 1 | IEM-MT#12 - POLY 600D 82T P2T + | | | X | X | |
| | Material 2 | IEM-MT#12 - POLY 600D 82T P2T: 2mm from edge | | | | | |
| Seam 6 | Material 1 | IEM-MT#12 - POLY 600D 82T P2T + | | | X | X | |
| | Material 2 | IEM-MT#12 - POLY 600D 82T P2T: Hidden stitching | | | | | |
| Seam 7 | Material 1 | IEM-MT#25 - POLY MESH C-008 | | | | | x |
| | Material 2 | IEM-MT#25 - POLY MESH C-008 | | | | | |

(Types of seam)



SEAM CONSTRUCTION

1) CENTRAL ZIPPER: [IEM-MT#2 - P2M 320-1 MESH + IEM-MT#12 - POLY 600D 82T P2T + GEN-MT#39 - YKK VISLON #8 O/E AUTO: 2mm from edge] + [IEM-MT#2 - P2M 320-1 MESH + IEM-MT#12 - POLY 600D 82T P2T + GEN-MT#39 - YKK VISLON #8 O/E AUTO: 2mm from edge]

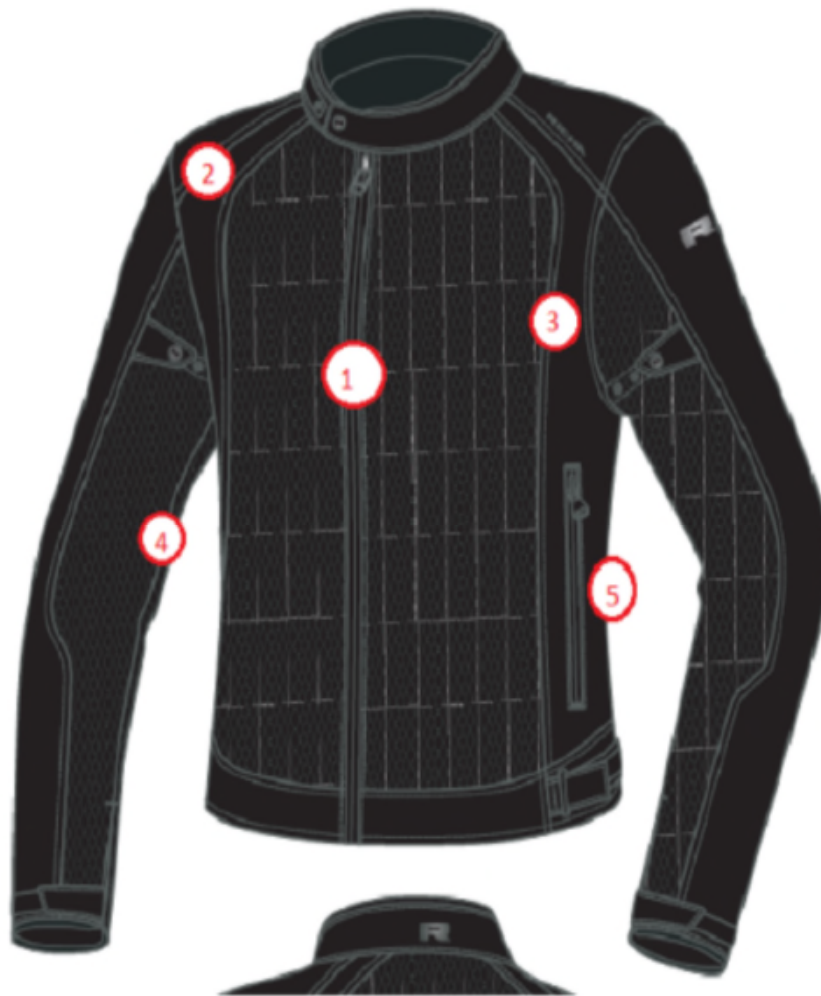
2) IEM-MT#12 - POLY 600D 82T P2T + IEM-MT#12 - POLY 600D 82T P2T: 6mm from edge

3) IEM-MT#12 - POLY 600D 82T P2T + IEM-MT#2 - P2M 320-1 MESH : 6mm from edge

4) IEM-MT#2 - P2M 320-1 MESH + IEM-MT#2 - P2M 320-1 MESH: 2mm from edge

5) IEM-MT#12 - POLY 600D 82T P2T + IEM-MT#12 - POLY 600D 82T P2T: 2mm from edge

6) IEM-MT#12 - POLY 600D 82T P2T + IEM-MT#12 - POLY 600D 82T P2T: Hidden stitching



PROTECTION SCOPE

This garment meets the essential health and safety requirements of the Personal Protective Equipment Regulation (UE) 2016/425.

It is a category II product.

This garment is designed for motorcycle riders. It offers a minimum necessary degree of protection from impact and abrasion, using materials and construction that meet lower requirements than for parts 2 and 3 of the EN 17092 series. Class A garments are expected to have the least ergonomic and weight penalties.

GENERAL REQUIREMENTS

Range of size

| Size | S | M | L | XL | 2XL | 3XL | 4XL | 5XL |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Heigh (cm) | 166 - 172 | 169 - 175 | 172 - 178 | 175 - 181 | 178 - 184 | 181 - 187 | 184 - 190 | 185 - 191 |
| Chest or bust girth (cm) | 90 - 94 | 94 - 98 | 98 - 102 | 102 - 106 | 106 - 110 | 110 - 114 | 114 - 118 | 118 - 122 |

| Size | 6XL | 8XL |
|--------------------------|-----------|-----------|
| Heigh (cm) | 186 - 192 | 187 - 193 |
| Chest or bust girth (cm) | 122 - 126 | 156 - 160 |

SPECIFIC REQUIREMENTS AND PERFORMANCE LEVELS

Standard EN 17092-4:2020

| | | | Zone 1 | Zone 2 | Zone 3 |
|--|--|--|------------------------------|--------|--------|
| Dimensional stability of the garment (N/A if no cleaning required) | | % | ± 5 | | |
| Impact protector location and fixation | | over the correct location on the body, secured within the pockets and secured in their position. | | | |
| External impact protector location and fixation | | pocket shall meet the requirements of the appropriate zone. Protector shall not be released during testing. | | | |
| Impact abrasion | Darmstadt / no hole on the 9 test pieces | rpm | 265 | 147 | n/a |
| Seam strength | by zone | N/mm | ≥6 | ≥6 | ≥4 |
| | protector pocket | N/mm | ≥4 | | |
| Seam construction | general | - | at least one line protected | | |
| | leather or textile abrasion overlays | - | at least 2 rows of stitching | | |
| | hard shell overlays | - | at least 2 rows of stitching | | |
| Tear strength | by zone | N | ≥35 | ≥25 | ≥25 |
| | protector pocket | N | ≥10 | | |
| Restraint | Two pieces suits | no gap and no opening | | | |
| | sleeve | no extraction of the cone | | | |
| | Thumb loops distance A-B | mm | max 140 | | |
| Innocuousness | EN ISO 13688:2013 § 4.2 + REACH | pH, Cr VI (leather), Ni (metal in contact with skin), Azo dyes (if contact with skin), Tin, Cadmium (coated material), PAH (plastic in contact with skin), phtalates (polymers in contact with skin) | | | |
| Structural closure | same test as seams | N/mm | ≥6 | ≥6 | ≥4 |
| Vents | protected by same SSL or by SSL zone 3 if opening limited to 4cm at 90° of the length | | | | |
| Pockets | protected by same SSL extended along the interior of the pocket beyond the opening at least an additional 3 cm | | | | |
| Fit and ergonomics | EN 17092-1, 5.5 : all answers positive | | | | |

TEST REPORTS

| | |
|---|--------------|
| 1 | L210407735_1 |
| 2 | L210305419_1 |
| 3 | L220303757_1 |
| 4 | L220814939_1 |
| 5 | L220916726_1 |
| 6 | L221120843_1 |
| 7 | L221122369_1 |

| | |
|----|----------------------------|
| 8 | L210407748_2 |
| 9 | L210305296_1 |
| 10 | L210611653_1 |
| 11 | L220814940_1 |
| 12 | L221018452_1 |
| 13 | SATRA 2777/10609-01/E00-00 |
| 14 | SATRA 2777/10608-02/E00-00 |

| | |
|----|----------------------------|
| 15 | SATRA 2777/13054-03/E00-00 |
| 16 | SATRA 2777/10815-01/E00-00 |
| 17 | SATRA 2777/11251-01/E00-00 |
| 18 | SATRA 2777/10837-01/E00-00 |
| 19 | SATRA 2777/10804-01/E00-00 |
| 20 | SATRA 2777/10807-01/E00-00 |
| 21 | SATRA 2777/10813-03/E00-00 |

| | | Reports |
|--|---|--|
| 4.1 - General | | |
| 4.1.1 Innocuousness and REACH - Annex XVII | | 1 ; 2 ; 3 ; 4 ; 5 ; 6 ; 7 |
| 4.1.3 Dimensional stability of garments | Washing Température : 30° Number of washing cycles : 5 | 11 |
| 4.2 - Impact Energy Absorption | | |
| 4.2.1 General | | 11 ; 13 ; 14 ; 15 ; 16 ; 17 ; 18 ; 19 ; 20 ; 21 |
| 4.2.2 Impact protector location and fixation | | 11 ; 13 ; 14 ; 15 ; 16 ; 17 ; 18 ; 19 ; 20 ; 21 |
| 4.3 Impact abrasion resistance | | 8 ; 11 |
| 4.4 - Structurally Strong Seams (SSS) | | |
| 4.4.1 - General | | / |
| 4.4.2 Seam strength | | 10 ; 11 ; 12 |
| 4.5 - Tear strength | | |
| 4.5 Tear strength | | 08 ; 09 ; 11 |
| 4.6- Restraint | | |
| 4.6.1 - General | | / |
| 4.6.2 Two-piece suit requirements for joint between the upper and the lower part | | 12 |
| 4.6.3 Garment sleeve restraint | | 11 |
| 4.7- Additional garment construction requirements | | |
| 4.7.2 - Structural closures | | 11 |
| 4.7.3 - Vents | | / |
| 4.7.4 - Pockets | | 11 |
| 4.7.5 - Zone intrusions | | / |
| 4.7.7 - Use of open mesh materials | | 11 |
| 4.7.8 - Use of retroreflective materials (optional) | Performance of the retroreflective materials shall be in conformity with Clause 6 of EN 1150:1999. This requirement does not apply to reflective elements included for reasons of design or decoration. | / |
| 4.8 Fit and ergonomics | | 11 |

MARKING - PACKAGING

Marking of the garment:

Logo of Manufacturer

Address of Manufacturer

Logo

Product reference: AIRSUMMER JACKET

Article Code: Black - 2AIRS100, Big Size Black 2AIRSBS100, Light Grey - 2AIRS200, Camel - 2AIRS890, Olive Green - 2AIRS2400, Navy - 2AIRS1400, Anthracite - 2AIRS2000

Size indicator

Pictograms

Indication of the protection Class A

Date of Manufacture (month/year) and/or serial/batch number

Date of obsolescence (month/year) if applicable

Location of the marking: Inner labels

Garment marking example:



Method of marking of the garment:

Labels

PPE subject to ageing :

Peremption period: 5 years after first use when stored in appropriate conditions (humidity, temperature, clean, ventilated, light). Before use, the garment shall be visually controlled. In case of deterioration the garment must be scrapped (abrasion, cut, tear, ...).

Cleaning instructions:

| | |
|----------------------------|---|
| Number of cleaning cycles: | |
| Care Instructions: | Remove the protectors before cleaning Machine wash 30° |

